

NEWFIELD



February 10, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-8-9-16 and 16-8-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 15 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 7-8-9-16

9. API Well No.
43-013-33056

10. Field and Pool, or Exploratory
Monument Butte 105

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NE Sec. 8, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/NE 2003' FNL 2179' FEL 573281X 40. 047144
At proposed prod. zone 4433133Y 110.140939

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.9 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 461' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1625'

19. Proposed Depth
6240'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5889' GL

22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
2/10/06

Approved by (Signature)
Bradley G. Hill
Title
Environmental Manager

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
02-21-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and wilfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

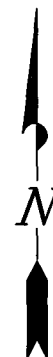
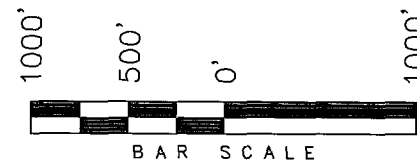
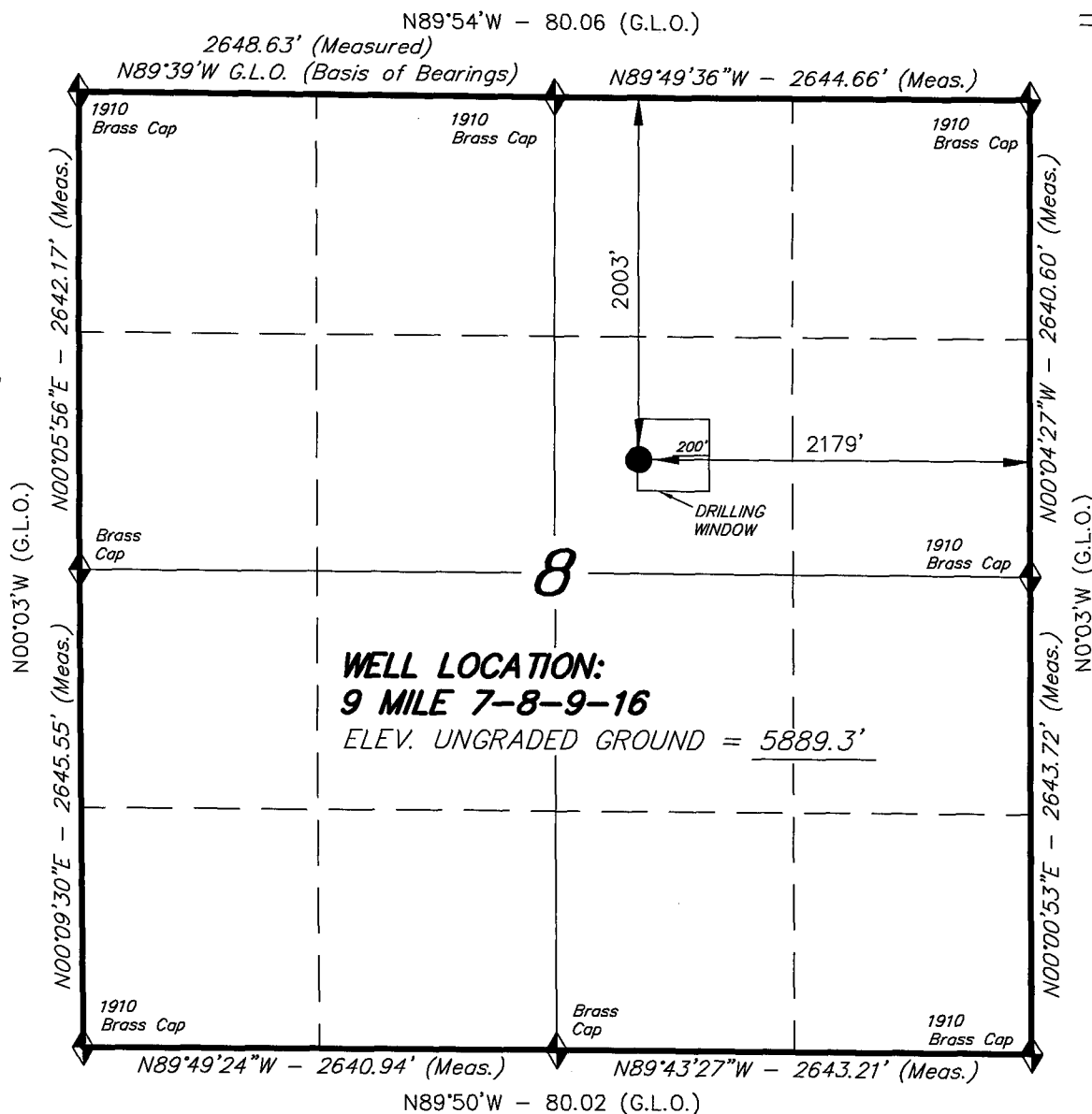
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FEB 15 2006

DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-8-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STILWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-8-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 49.834"
LONGITUDE = 110° 08' 29.540"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 12-07-05 | SURVEYED BY: K.S. |
| DATE DRAWN: 1-02-05 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

NEWFIELD PRODUCTION COMPANY

FEDERAL #7-8-9-16

SW/NE SECTION 8, T9S, R16E

DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' - 2750' |
| Green River | 2750' |
| Wasatch | 6240' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2750' - 6240' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #7-8-9-16
SW/NE SECTION 8, T9S, R18E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-8-9-16 located in the SW 1/4 NE 1/4 Section 8, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.3 miles \pm to it's junction with an existing road to the north; proceed northeasterly - 1.1 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 300' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Archaeological Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #7-8-9-16 Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Lease Notice Only.

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location

and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

| | | |
|--------------------|----------------------------|-------------|
| Crested Wheatgrass | <i>Agropyron Cristatum</i> | 12 lbs/acre |
|--------------------|----------------------------|-------------|

Details of the On-Site Inspection

The proposed Federal #7-8-9-16 was on-sited on 10/25/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

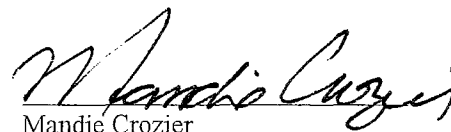
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-8-9-16 SW/NE Section 8, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2/10/06

Date



Mandie Crozier

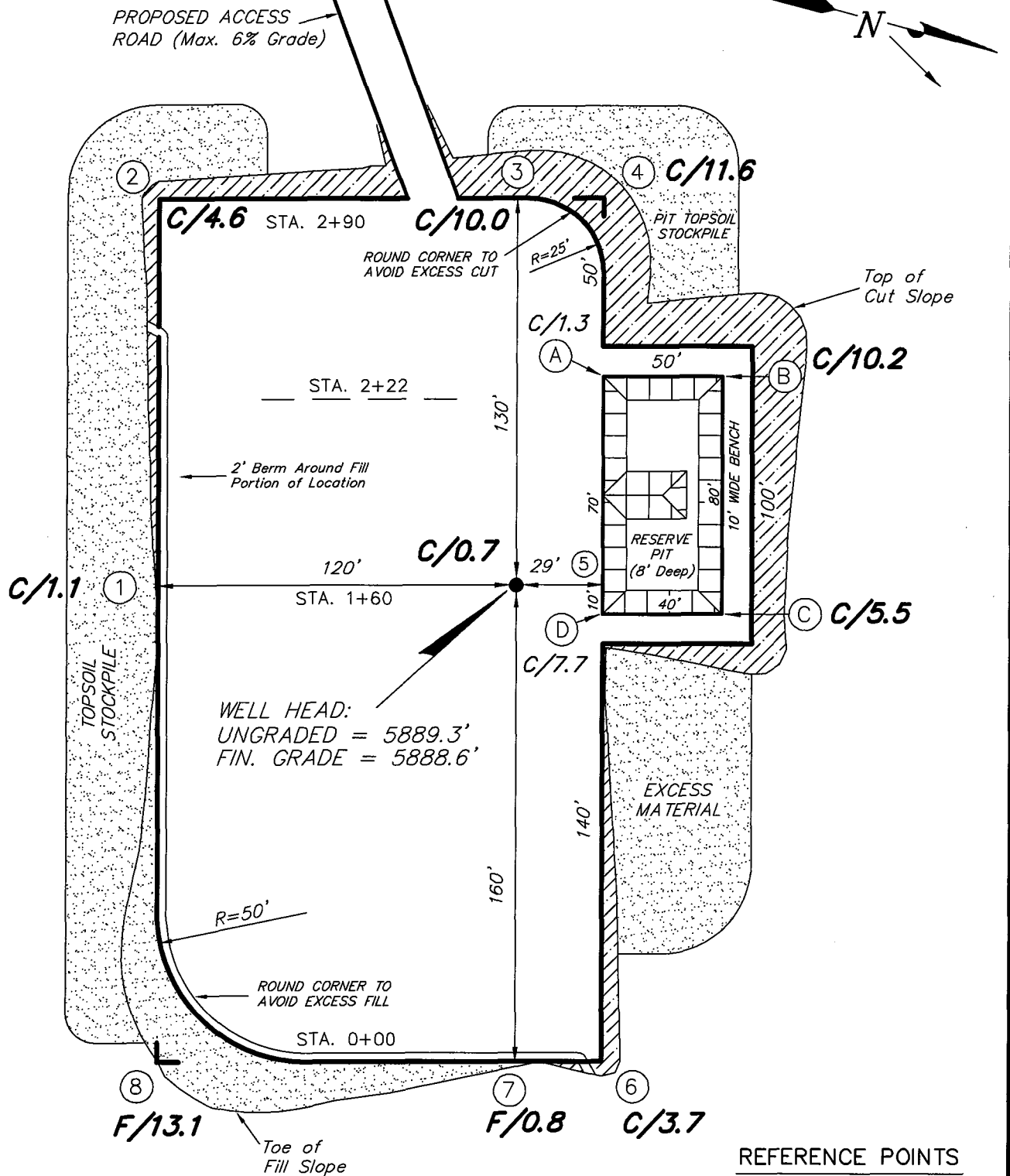
Regulatory Specialist

Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 7-8-9-16

Section 8, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' EAST = 5891.2'
260' EAST = 5894.5'
178' SOUTH = 5890.2'
220' SOUTH = 5890.5'

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

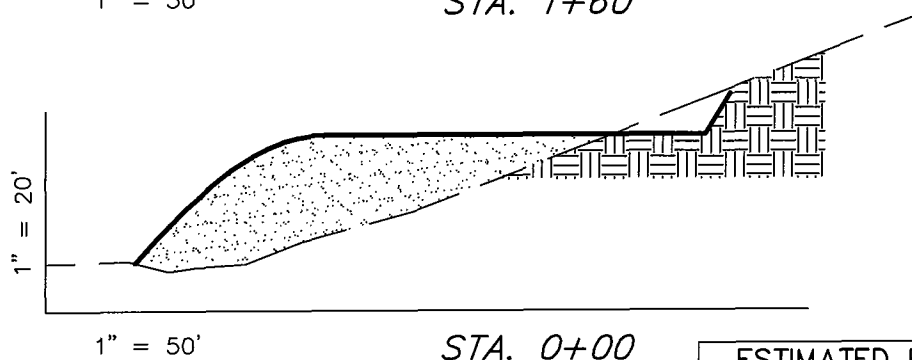
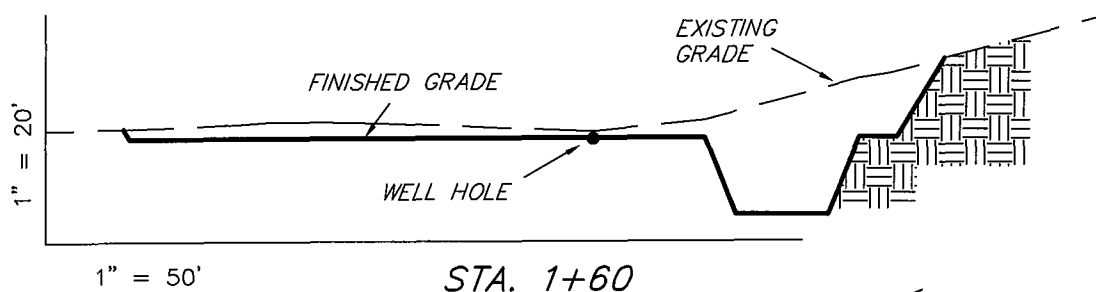
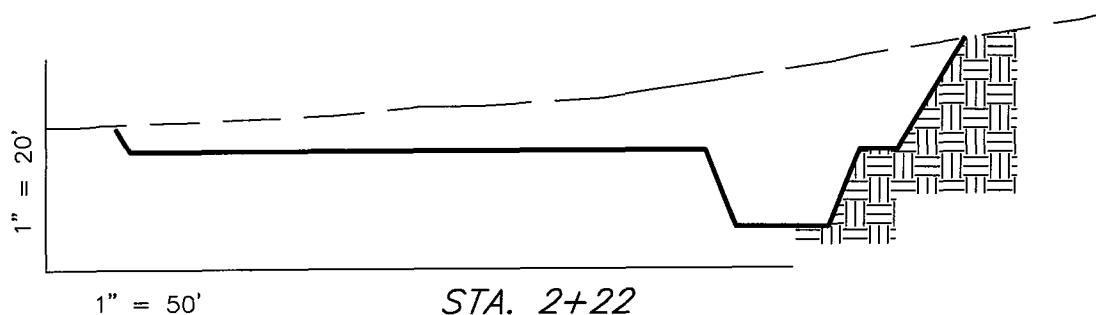
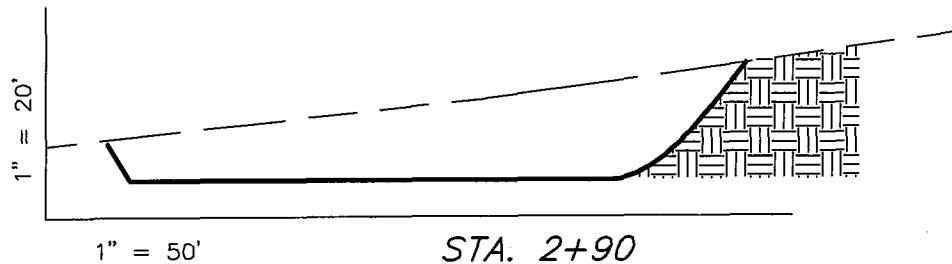
DATE: 1-02-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 7-8-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-------|-------|------------------------------------|--------|
| PAD | 4,980 | 3,490 | Topsoil is not included in Pad Cut | 1,490 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 5,620 | 3,490 | 1,134 | 2,130 |

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

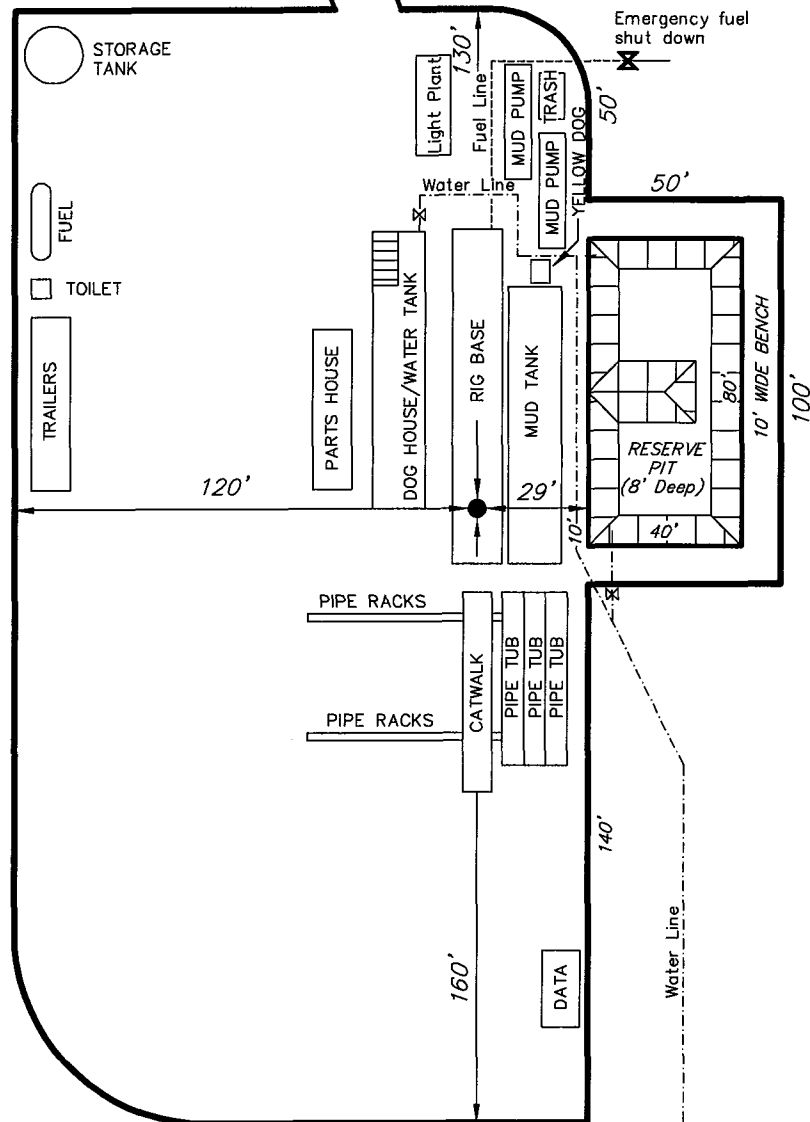
DATE: 1-02-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 7-8-9-16



SURVEYED BY: K.S.

SCALE: 1" = 50'

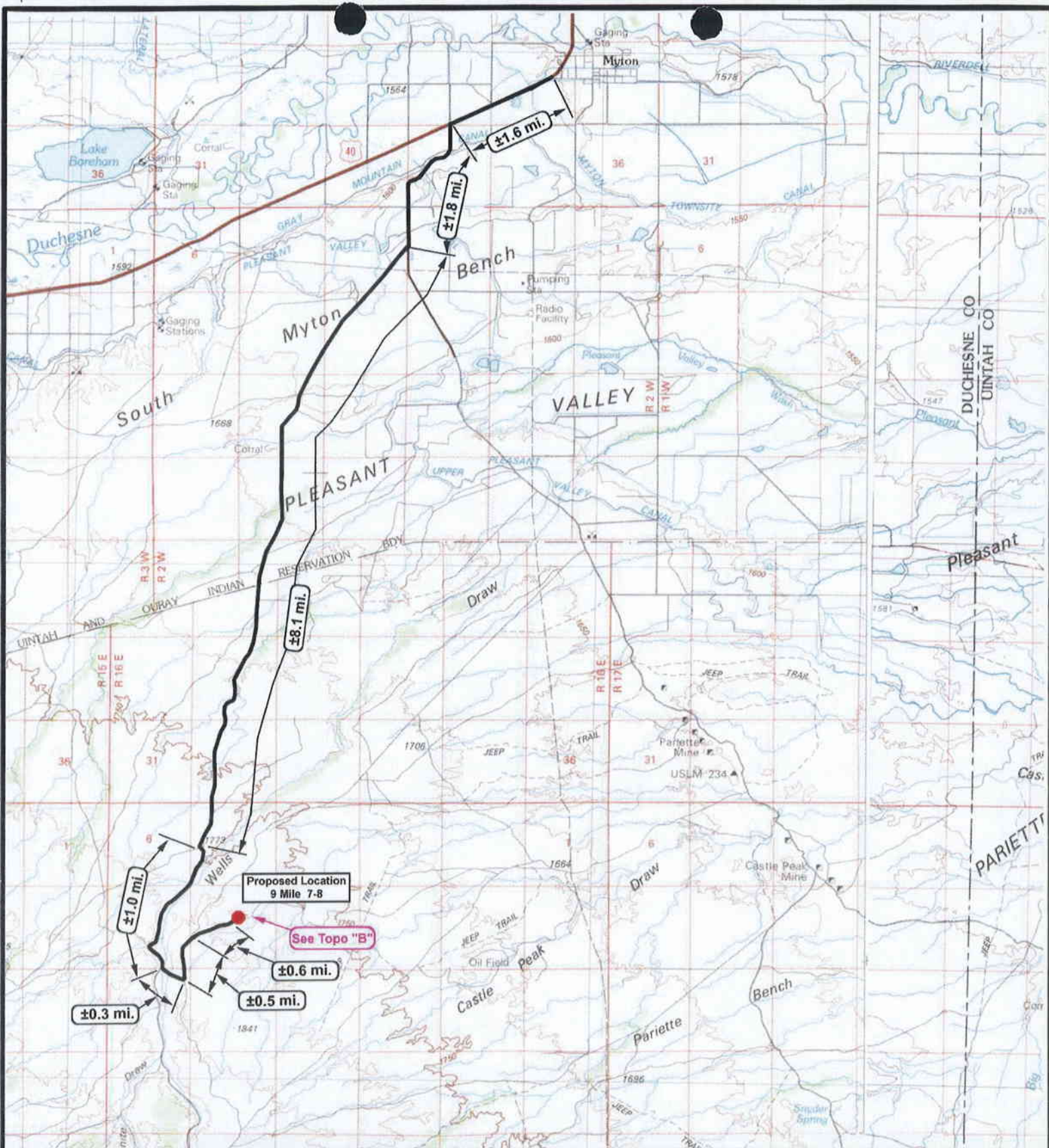
DRAWN BY: M.W.


DATE: 1-02-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078





NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

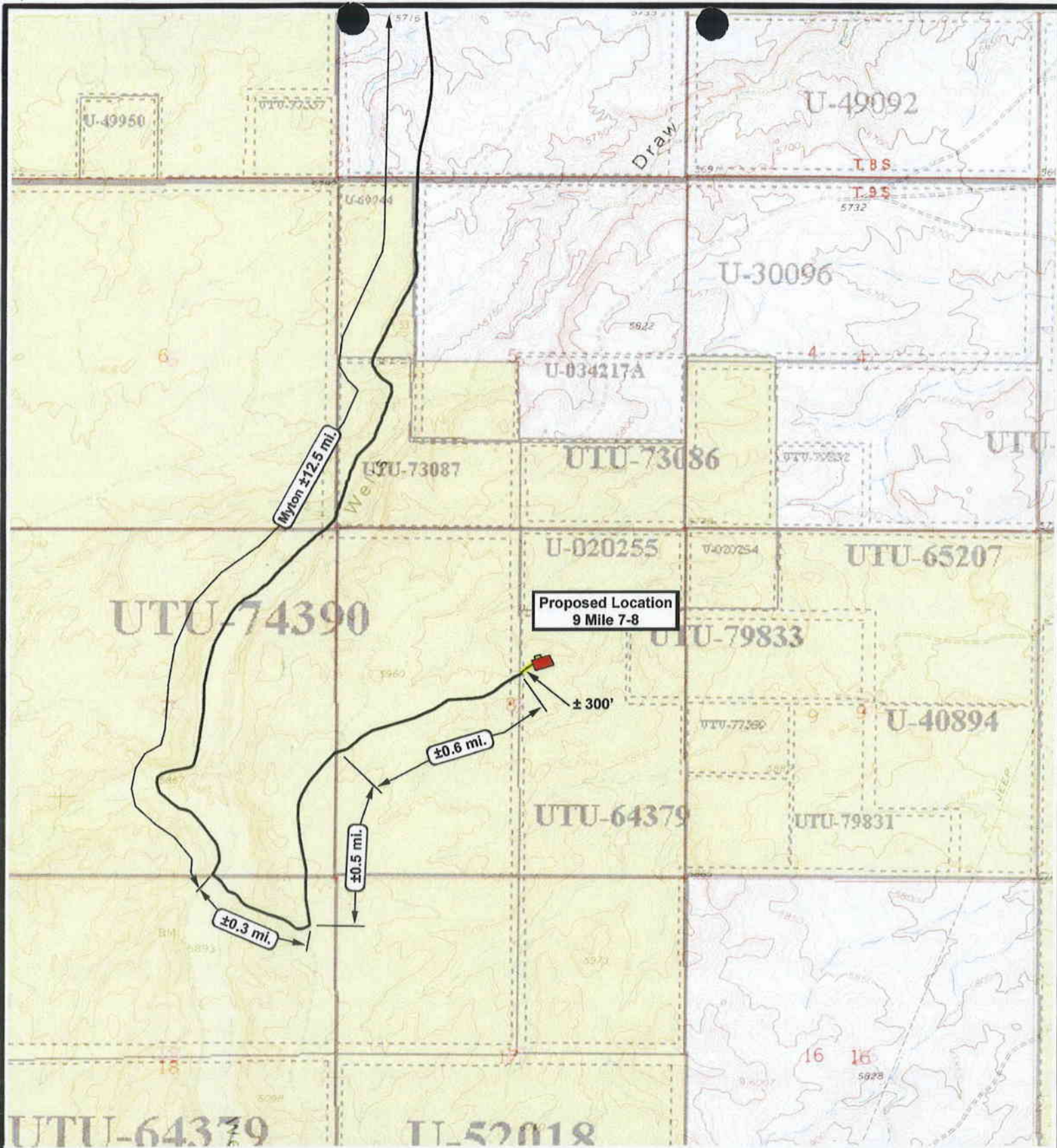
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-03-2006

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

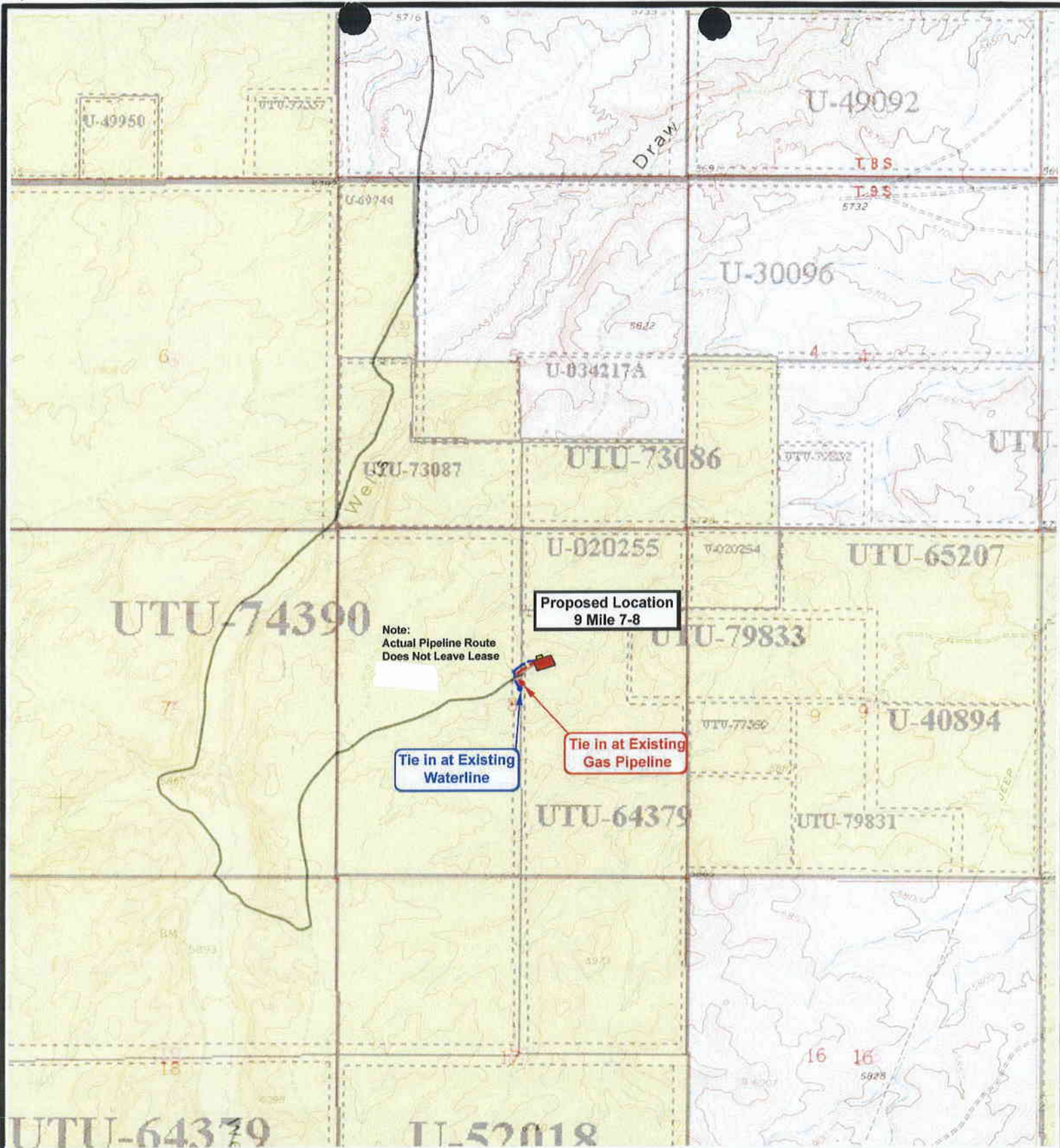
DATE: 01-02-2006

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

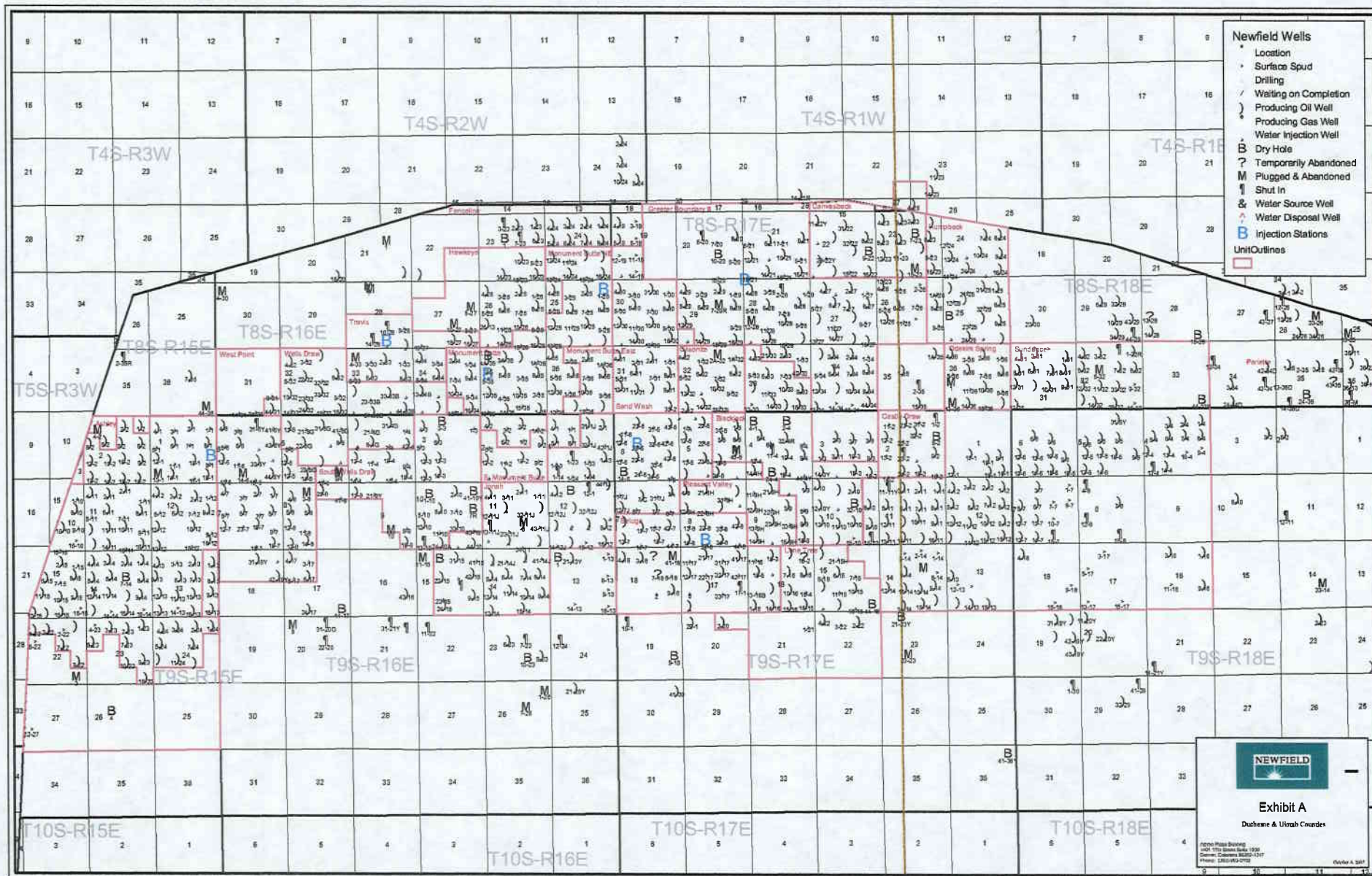
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DATE: 01-02-2006

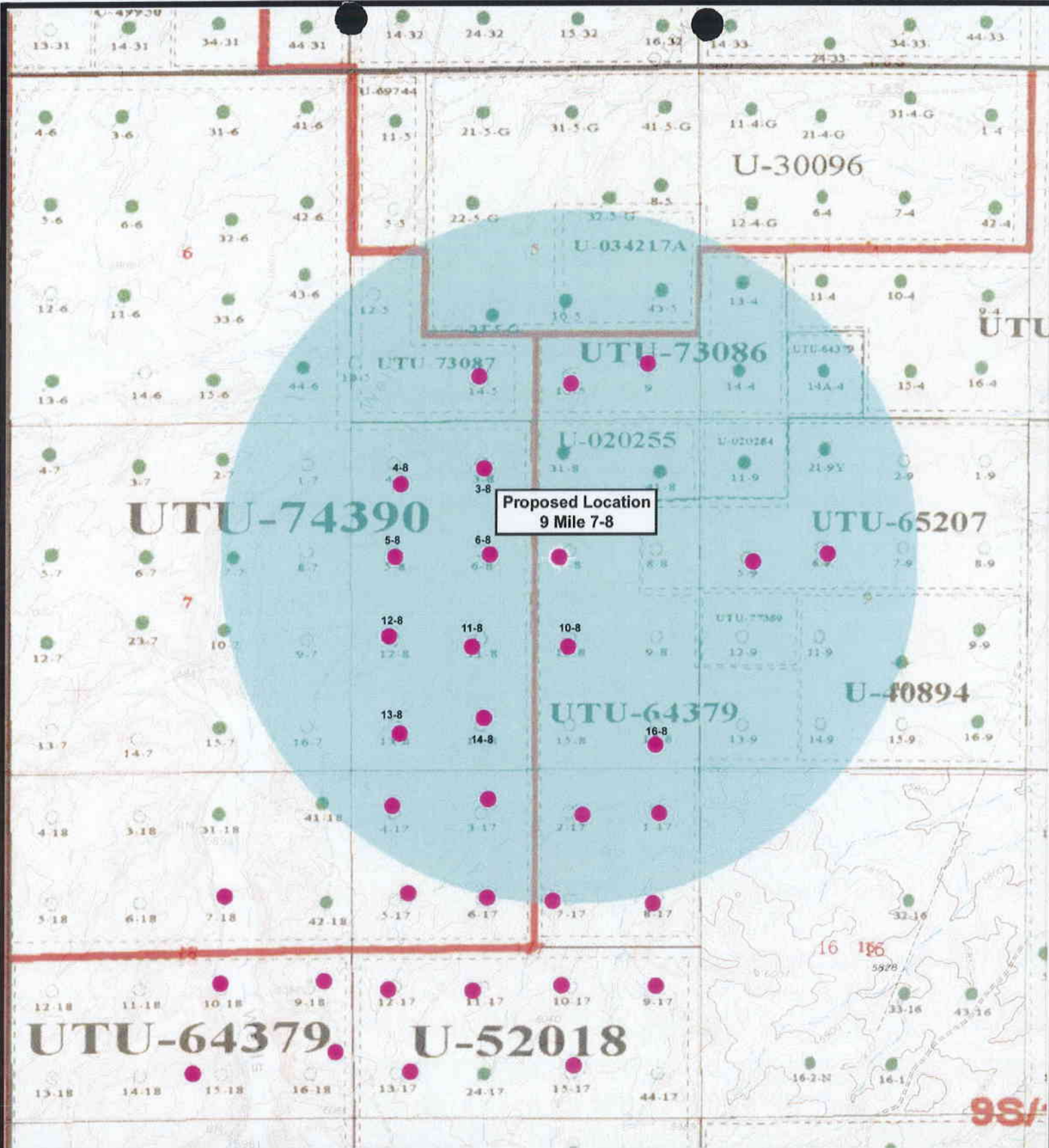
Legend


- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-03-2006

Legend

● Well Locations
● One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

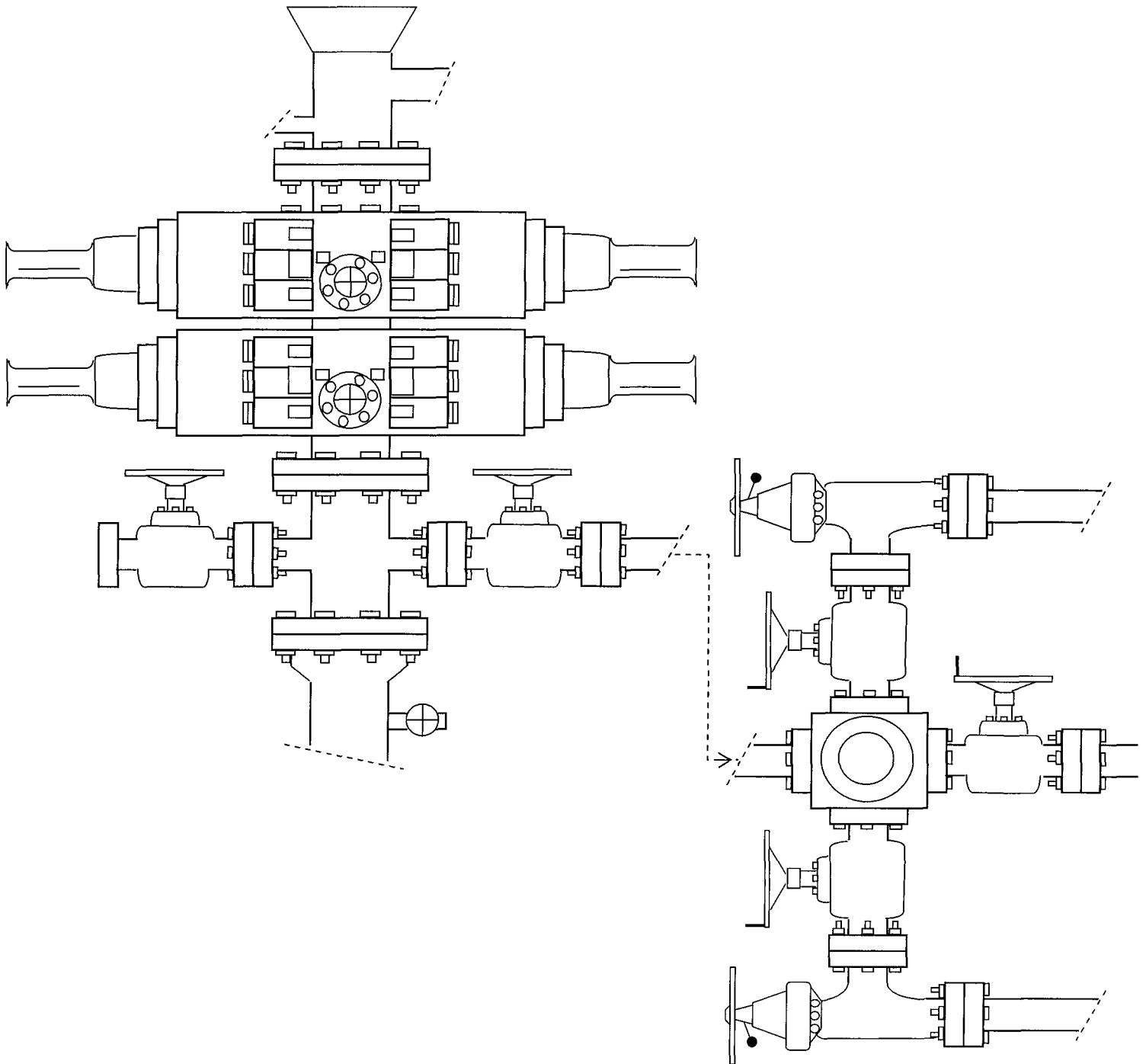


EXHIBIT C

Exhibit "D"
Page 1 of 2

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,
DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998.

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/15/2006

API NO. ASSIGNED: 43-013-33056

WELL NAME: FEDERAL 7-8-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 08 090S 160E

SURFACE: 2003 FNL 2179 FEL

BOTTOM: 2003 FNL 2179 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04714 LONGITUDE: -110.1409

UTM SURF EASTINGS: 573281 NORTHINGS: 4433133

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

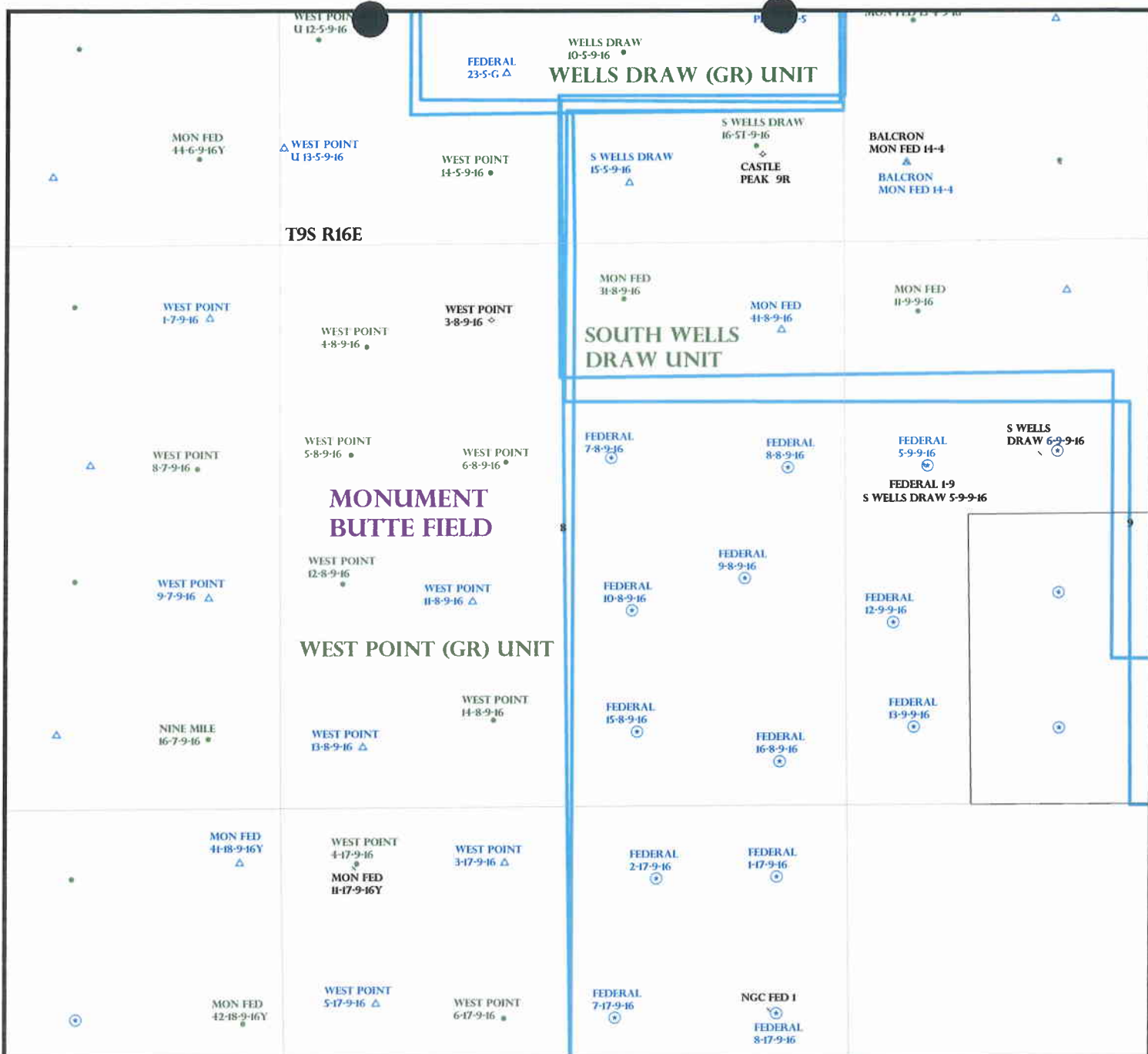
____ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1. Federal Approval
2. Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

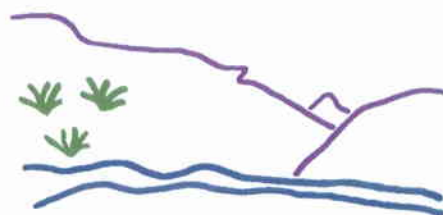
SPACING: R649-3-2 / GENERAL SITING

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 17-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 21, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 7-8-9-16 Well, 2003' FNL, 2179' FEL, SW NE, Sec. 8, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33056.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 7-8-9-16
API Number: 43-013-33056
Lease: UTU-64379

Location: SW NE Sec. 8 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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FEB 15 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

| |
|--|
| 5. Lease Serial No. UTU-64379 |
| 6. If Indian, Allottee or Tribe Name N/A |
| 7. If Unit or C/A Agreement, Name and No. N/A |
| 8. Lease Name and Well No. Federal 7-8-9-16 |
| 9. API Well No. 43-013-33056 |
| 10. Field and Pool, or Exploratory Monument Butte |
| 11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 8, T9S R16E |
| 12. County or Parish Duchesne |
| 13. State UT |

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | |
| 2. Name of Operator Newfield Production Company | | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 3b. Phone No. (include area code) (435) 646-3721 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2003' FNL 2179' FEL At proposed prod. zone | | |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 13.9 miles southwest of Myton, Utah | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 461' f/lse, NA' f/unit | 16. No. of Acres in lease 1626.36 | 17. Spacing Unit dedicated to this well 40 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1625' | 19. Proposed Depth 6240' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5889' GL | 22. Approximate date work will start* 2nd Quarter 2006 | 23. Estimated duration Approximately seven (7) days from start to rig release |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|--|--------------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 2/10/06 |
| Title Regulatory Specialist | | |
| Approved by (Signature) | Name (Printed/Typed) Jerry Kencaka | Date 12-13-2006 |
| Title Assistant Field Manager Lands & Mineral Resources | Office | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

075XS0107A

UDOGH

RECEIVED

DEC 21 2006

DIV. OF OIL, GAS & MINING



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

| | |
|---|---|
| Company: Newfield Production Company | Location: SWNE, Sec 8, T9S, R16E |
| Well No: Federal 7-8-9-16 | Lease No: UTU-64379 |
| API No: 43-013-33056 | Agreement: N/A |

| | | | |
|---|----------------|--------------------------|--------------------|
| Petroleum Engineer: | Matt Baker | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer: | Michael Lee | Office: 435-781-4432 | Cell: 435-828-7875 |
| Supervisory Petroleum Technician: | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| Environmental Scientist: | Paul Buhler | Office: 435-781-4475 | Cell: 435-828-4029 |
| Environmental Scientist: | Karl Wright | Office: 435-781-4484 | |
| Natural Resource Specialist: | Holly Villa | Office: 435-781-4404 | |
| Natural Resource Specialist: | Melissa Hawk | Office: 435-781-4476 | |
| Natural Resource Specialist: | Scott Ackerman | Office: 435-781-4437 | |
| After Hours Contact Number: 435-781-4513 | | Fax: 435-781-4410 | |

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Michael Lee) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Michael Lee) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. The proposed action is in Sage Grouse nesting habitat. According to the 43 CFR 3101.1-2, surface disturbing activities and drilling may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through June 30th**, no new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager two weeks prior to the anticipated construction, and approved prior to drilling or surface disturbing activities.
5. No drilling or surface disturbing activities are allowed 600' or less from live water.
6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
7. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
8. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
9. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
10. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
11. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES

12. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
13. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
14. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
15. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
16. The boulders >3' found at the surface or above ground will be saved for final reclamation.
17. Interim Reclamation (see below):
 - A. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
 - a. Interim Reclamation Seed Mix for location:
 - b. Galleta grass *Hilaria jamesil* 6 lbs/acre
 - c. Western wheatgrass *Pascopyrum smithii* 6 lbs/acre
 1. Per Live Seed Total 12 lbs/acre
 - d. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - c. There shall be no primary or secondary noxious weeds in the seed mixture.
 - d. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
 - e. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
 - f. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 7-8-9-16

Api No: 43-013-33056 Lease Type: FEDERAL

Section 08 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 01/16/07

Time 12:30 PM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 01/17/2007 Signed CHD

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. _____ N2696

| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|----------------------------|--|-------------------|---------------|------------|-------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | | Q1 | SC | TP | R1 | | | |
| A | | 99999 | 15888 | 4301333060 | FEDERAL 16-8-9-16 | SW/SE | 8 | SS | 16E | DUCHESNE | 1/11/2007 | 1/18/07 |
| WELL 1 COMMENTS: GRV | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| A | | 99999 | 15889 | 4301333066 | FEDERAL 7-8-9-16 | SW/NE | 8 | SS | 16E | DUCHESNE | 01/16/07 | 1/18/07 |
| WELL 2 COMMENTS: GRV 33056 | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |
| ACTION CODE | | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
| | | | | | | Q1 | SC | TP | R1 | | | |
| | | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

A - Establish new entry for new well (single well only)

B - Add new well to existing entry (group or sub well)

C - Re-assign well from one existing entry to another existing entry

D - Re-assign well from one existing entry to a new entry

S. A. D.

ACTION CODES - See instructions on back of form.

- A - Establish new entity for new and (single use only)
B - Add new with existing entity (group or sub unit)
C - Re-assign and that was existing entity to another existing entity
D - Re-assign and that was existing entity to a new entity
E - Other (please be specific in section)

NOTE: Use COMMENT section to explain why each Action Code was rejected

Sandra Becker

LANA NEBEKER

Production Clerk
Title

January 17, 2007
Date

RECEIVED

JAN 17 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-64379
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-8-9-16

9. API Well No.
4301333056

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2003 FNL 2179 FEL
SWNE Section 8 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Spud Notice _____ |
| | <input type="checkbox"/> Convert to | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 1-16-07 MIRU NDSI NS #1. Spud well @ 12:30 pm. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.35' On 1/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

RECEIVED
JAN 25 2007
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

01/23/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.35

LAST CASING 8 5/8" SET AT 317.29'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 7-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | | WT / FT | GRD | THREAD | CONDT | LENGTH | |
|---|--------|---|---------------------|-----------------------------|--------------------------|--------|-------|--------|----------------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | Shoe Joint 44.49' | | | | | | | |
| | | WHI - 92 csg head | | | | 8rd | A | 0.95 | |
| 7 | 8 5/8" | Maverick ST&C csg | | 24# | J-55 | 8rd | A | 311.5 | |
| | | GUIDE shoe | | | | 8rd | A | 0.9 | |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | | 313.35 | |
| TOTAL LENGTH OF STRING | | 313.35 | 7 | LESS CUT OFF PIECE | | | | 2 | |
| LESS NON CSG. ITEMS | | 1.85 | | PLUS DATUM TO T/CUT OFF CSG | | | | 12 | |
| PLUS FULL JTS. LEFT OUT | | 0 | | CASING SET DEPTH | | | | 323.35 | |
| TOTAL | | 311.5 | 7 | } COMPARE | | | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 311.5 | 7 | | | | | | |
| TIMING | | 1ST STAGE | | | | | | | |
| BEGIN RUN CSG. | | Spud | 1/16/2007 | 12:30PM | GOOD CIRC THRU JOB | | | | Yes |
| CSG. IN HOLE | | | 1/17/2007 | 10:30AM | Bbls CMT CIRC TO SURFACE | | | | 4 |
| BEGIN CIRC | | | 1/22/2007 | 2:17 PM | RECIPROCATED PIPE FOR | | | | THRU FT STROKE |
| BEGIN PUMP CMT | | | 1/22/2007 | 2:26 PM | | | | | N/A |
| BEGIN DSPL. CMT | | | 1/22/2007 | 2:41 PM | BUMPED PLUG TO | | | | 765 PSI |
| PLUG DOWN | | | 1/22/2007 | 2:47 PM | | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | | | |
| 1 | 160 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | SHOW MAKE & SPACING | | | | | | |
| Centralizers - Middle first, top second & third for 3 | | | | | | | | | |
| | | | | | | | | | |

COMPANY REPRESENTATIVE Don Bastian DATE 1/22/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2003 FNL 2179 FEL
SWNE Section 8 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 7-8-9-16

9. API Well No.

4301333056

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | _____ |
| | <input type="checkbox"/> Convert to | <input type="checkbox"/> Plug Back | <input checked="" type="checkbox"/> Water Disposal | _____ |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Title

Regulatory Specialist

Date

03/29/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 30 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64379

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 7-8-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333056

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2003 FNL 2179 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 8, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/10/2007 | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 03/28/07, attached is a daily completion status report.

RECEIVED

APR 18 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 04/10/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 7-8-9-16**1/1/2007 To 5/30/2007****3/17/2007 Day: 1****Completion**

Rigless on 3/16/2007 - Install 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6096' & cement top @ 85'. Perforate stage #1, CP1 sds @ 5741-5752' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 44 shots. 147 bbls EWTR. SIFN.

3/20/2007 Day: 2**Completion**

Rigless on 3/19/2007 - RU BJ Services. 0 psi on well. Frac CP1 sds w/ 14,783#'s of 20/40 sand in 265 bbls of Lightning 17 fluid. Broke @ 3691 psi. Treated w/ ave pressure of 1736 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1660 psi. Leave pressure on well. 412 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Set plug @ 5620'. Perforate LODC sds @ 5511- 19' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 32 shots. RU BJ Services. 1180 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 1014 psi on well. Frac LODC sds w/ 35,135#'s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 2860 psi. Treated w/ ave pressure of 2009 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2220 psi. Leave pressure on well. 787 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 6' perf gun. Set plug @ 5170'. Perforate B1 sds @ 5064- 70' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 24 shots. RU BJ Services. 2010 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 2010 psi on well. Frac B1 sds w/ 19,832#'s of 20/40 sand in 300 bbls of Lightning 17 fluid. Broke @ 4198 psi. Treated w/ ave pressure of 1820 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1850 psi. Leave pressure on well. 1087 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 5' & 6' perf gun. Set plug @ 4950'. Perforate DS3 sds @ 4838- 43', 4784- 90' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 44 shots. RU BJ Services. 1505 psi on well. Frac DS3 sds w/ 29,693#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3635 psi. Treated w/ ave pressure of 2140 psi @ ave rate of 25.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1980 psi. Leave pressure on well. 1447 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8', 5' & 5' perf gun. Set plug @ 4470'. Perforate GB6 sds @ 4364- 72', 4342- 47', GB4 sds @ 4310- 15' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 72 shots. RU BJ Services. 1530 psi on well. Frac GB4 & GB6 sds w/ 71,931#'s of 20/40 sand in 538 bbls of Lightning 17 fluid. Broke @ 2566 psi. Treated w/ ave pressure of 25.6 psi @ ave rate of 538 BPM. ISIP 1840 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec. 240 BTF. SIWFN w/ 1745 BWTR.

3/23/2007 Day: 3**Completion**

Nabors #919 on 3/22/2007 - MIRU Nabors #919. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ Weatherford 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag fill @ 4327'. Pull up to 4277'. RU powerswivel.

RU pump & lines. SWIFN.**3/26/2007 Day: 4****Completion**

Nabors #919 on 3/23/2007 - RIH w/ tbg. Tag @ 4327'. C/O to CBP @ 4470'. DU CBP in 70 min. Cont. RIH w/ tbg. Tag @ 4851'. C/O to CBP @ 4950'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag @ 5170'. DU CBP in 80 min. Cont. RIH w/ tbg. Tag @ 5515'. Pull up to 5483'. SWIFN.

3/27/2007 Day: 5**Completion**

Nabors #919 on 3/26/2007 - Cont. C/O to CBP @ 5620'. DU CBP. Cont. RIH w/ tbg. Tag @ 6056'. C/O to PBTD @ 6172'. Circulate well clean. Pull up to 6048'. RU swab. SFL @ surface. Made 23 runs. Recovered 155 bbls. Small show of sand. No show of gas. Ending oil cut @ approx. 10%. EFL @ 2100'. SWIFN.

3/28/2007 Day: 6**Completion**

Nabors #919 on 3/27/2007 - RIH w/ tbg. Tag PBTD @ 6172'. Circulate well clean. POOH w/ tbg. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOP. Set TAC @ 5712' w/ 16,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 114- 3/4" slick rods, 99- 3/4" guided rods, 1 1/2" x 22' polished rod. Seat pump. Tbg. was full. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. SWIFN.

3/29/2007 Day: 7**Completion**

Nabors #919 on 3/28/2007 - RD. Put well on production @ 9:00 a.m. 86" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

SUBMIT IN DUPLICATE*
(See other in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2003' FNL & 2179' FEL (SW/NE) Sec. 8, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33056 DATE ISSUED 02/21/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 01/16/07 16. DATE T.D. REACHED 02/25/07 17. DATE COMPL. (Ready to prod.) 03/28/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5889' GL 5901' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6050' 21. PLUG BACK T.D., MD & TVD 6172' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4310'-5752'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 323' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 6217' | 7-7/8" | 300 sx Premlite II and 450 sx 50/50 Poz | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2-7/8" | EOT @ 5811' | TA @ 5712' |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|------|------------|---------------------|--|
| (CP1) 5741'-5752' | .49" | 4/44 | 5741'-5752' | Frac w/ 14,783# 20/40 sand in 265 bbls fluid |
| (LODC) 5511'-5519' | .43" | 4/32 | 5511'-5519' | Frac w/ 35,135# 20/40 sand in 375 bbls fluid |
| (B1) 5064'-5070' | .43" | 4/24 | 5064'-5070' | Frac w/ 19,832# 20/40 sand in 300 bbls fluid |
| (DS3) 4838'-4843', 4784'-4790' | .43" | 4/44 | 4784'-4843' | Frac w/ 29,693# 20/40 sand in 360 bbls fluid |
| B6 & 4) 4364'-4372', 4342'-4347', 4310'-15' | .43" | 4/72 | 4310'-4372' | Frac w/ 71,931# 20/40 sand in 538 bbls fluid |

33.* PRODUCTION

| | | | | | | | | |
|-----------------------------------|-----------------|---|-----------------------------------|-----------------|-----------------|-------------------|---|----------------------|
| DATE FIRST PRODUCTION 03/28/07 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump | | | | | WELL STATUS (Producing or shut-in) PRODUCING | |
| DATE OF TEST 10 day ave | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD -----> | OIL--BBL. 58 | GAS--MCF. 27 | WATER--BBL. 23 | | GAS-OIL RATIO 466 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE -----> | OIL-BBL. | GAS--MCF. | WATER--BBL. | | OIL GRAVITY-API (CORR.) | |
| RECEIVED | | | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

RECEIVED
TEST WITNESSED BY
APR 18 2007

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park

TITLE Production Clerk

DATE 4/11/2007

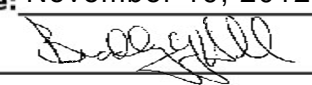
DIV. OF OIL, GAS & MINING

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-------------------------------|------------------|-------------|---------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | Well Name Federal 7-8-9-16 | Garden Gulch Mkr | 3791' | |
| | | | | Garden Gulch 1 | 4014' | |
| | | | Garden Gulch 2 | 4122' | | |
| | | | Point 3 Mkr | 4379' | | |
| | | | X Mkr | 4650' | | |
| | | | Y-Mkr | 4684' | | |
| | | | Douglas Creek Mkr | 4802' | | |
| | | | BiCarbonate Mkr | 5034' | | |
| | | | B Limestone Mkr | 5148' | | |
| | | | Castle Peak | 5693' | | |
| | | | Basal Carbonate | 6115' | | |
| | | | Total Depth (LOGGERS | 6235' | | |
| | | | | | | |

| | | |
|---|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | | 8. WELL NAME and NUMBER: FEDERAL 7-8-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2003 FNL 2179 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S | | 9. API NUMBER: 43013330560000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/12/2012 | OTHER: <input type="text" value="Put on Injection"/> | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 2:15 PM on 11/12/2012.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: November 19, 2012</p> <p>By: </p> </div> </div> | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 11/13/2012 | |



February 10, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-8-9-16 and 16-8-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 15 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 7-8-9-16

9. API Well No.
43-013-33056

10. Field and Pool, or Exploratory
Monument Butte 105

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NE Sec. 8, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/NE 2003' FNL 2179' FEL 573281X 40. 047144
At proposed prod. zone 4433133Y 110.140939

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.9 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 461' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1625'

19. Proposed Depth
6240'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5889' GL

22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
2/10/06

Approved by (Signature)
Bradley G. Hill
Title

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
02-21-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

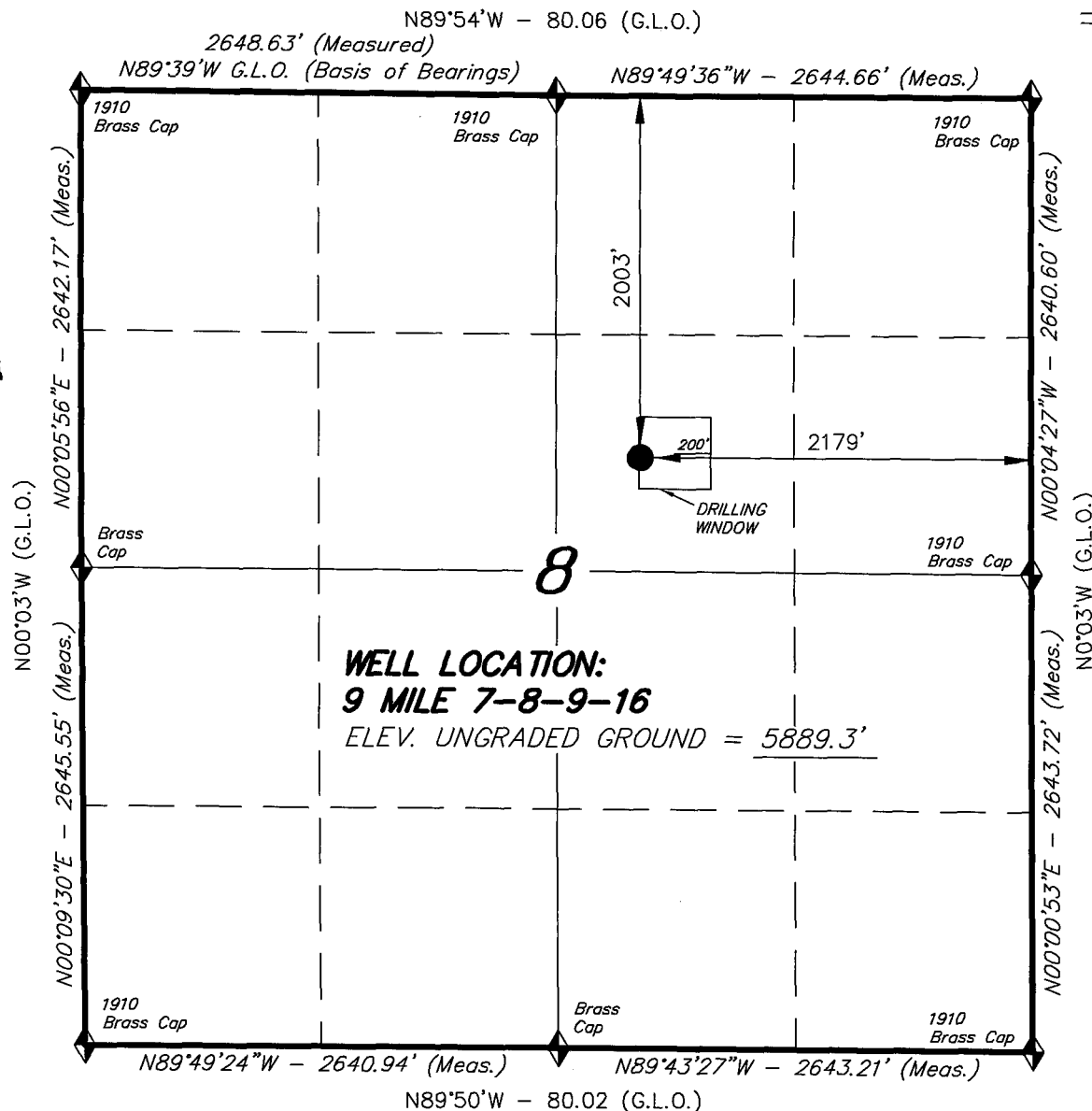
Federal Approval of this
Action Is Necessary

RECEIVED
FEB 15 2006

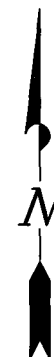
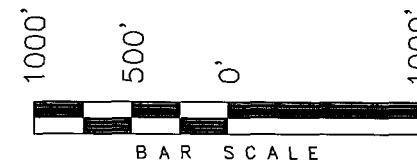
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 7-8-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
DUCHESE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-8-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 49.834"
LONGITUDE = 110° 08' 29.540"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 12-07-05 | SURVEYED BY: K.S. |
| DATE DRAWN: 1-02-05 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

NEWFIELD PRODUCTION COMPANY
FEDERAL #7-8-9-16
SW/NE SECTION 8, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' - 2750' |
| Green River | 2750' |
| Wasatch | 6240' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2750' - 6240' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #7-8-9-16
SW/NE SECTION 8, T9S, R18E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-8-9-16 located in the SW 1/4 NE 1/4 Section 8, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.3 miles \pm to it's junction with an existing road to the north; proceed northeasterly - 1.1 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 300' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Archaeological Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #7-8-9-16 Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Lease Notice Only.

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location

and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

| | | |
|--------------------|----------------------------|-------------|
| Crested Wheatgrass | <i>Agropyron Cristatum</i> | 12 lbs/acre |
|--------------------|----------------------------|-------------|

Details of the On-Site Inspection

The proposed Federal #7-8-9-16 was on-sited on 10/25/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification


Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-8-9-16 SW/NE Section 8, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2/10/06

Date



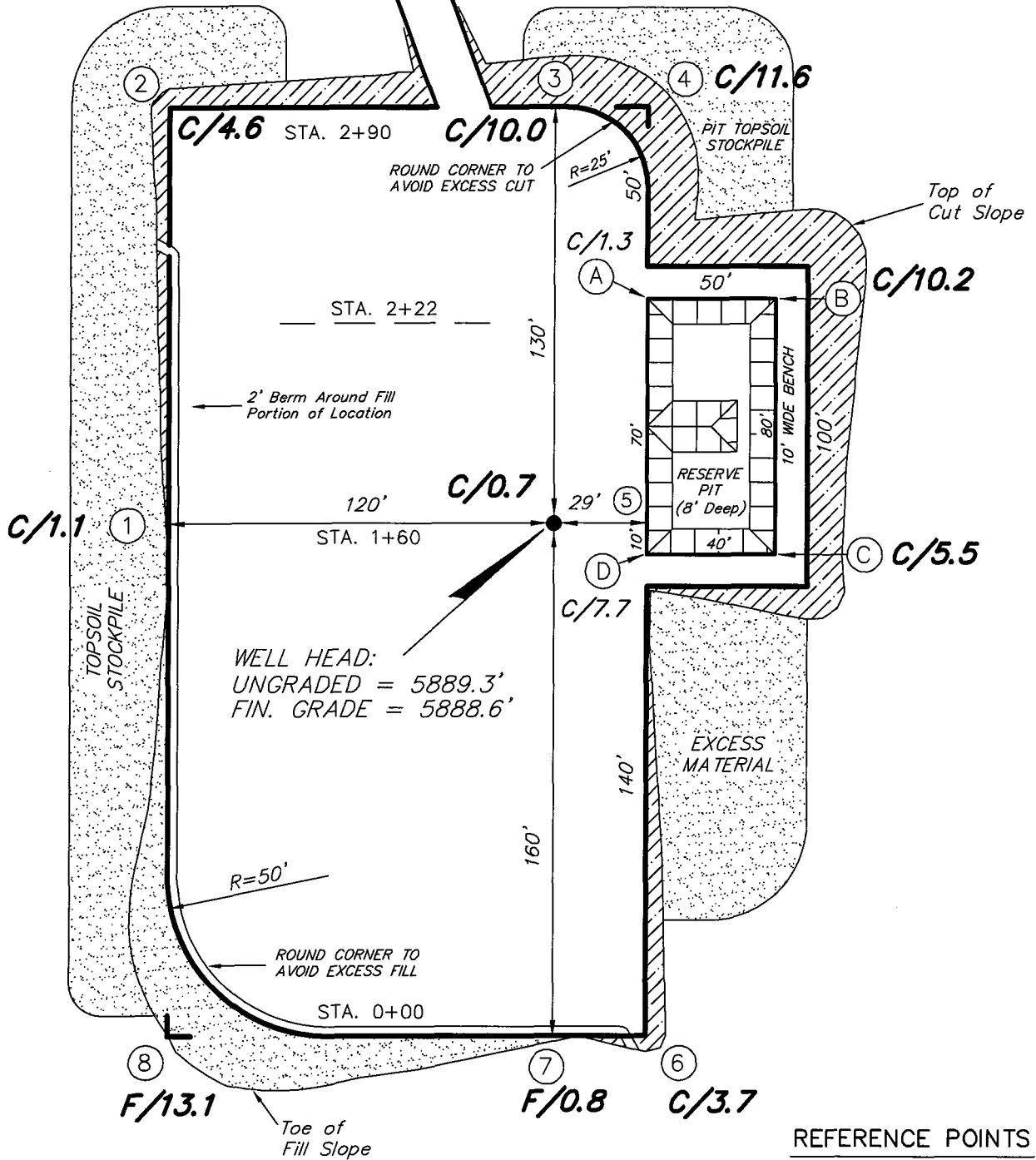
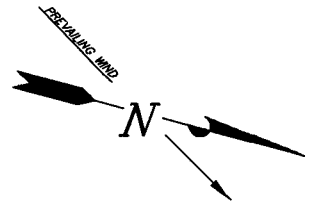
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 7-8-9-16

Section 8, T9S, R16E, S.L.B.&M.

PROPOSED ACCESS
ROAD (Max. 6% Grade)



REFERENCE POINTS

210' EAST = 5891.2'
260' EAST = 5894.5'
178' SOUTH = 5890.2'
220' SOUTH = 5890.5'

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

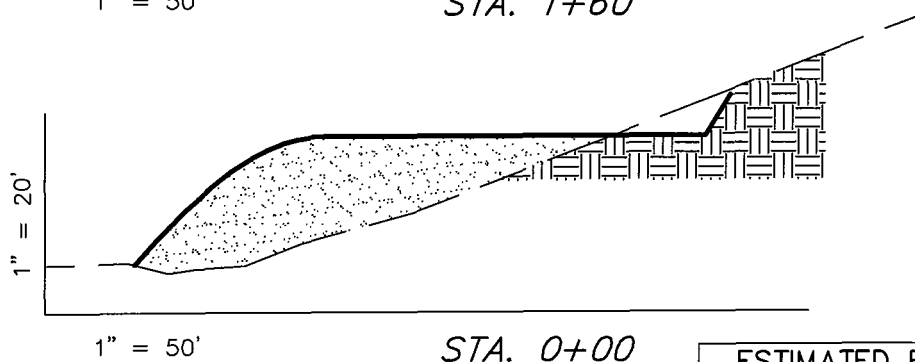
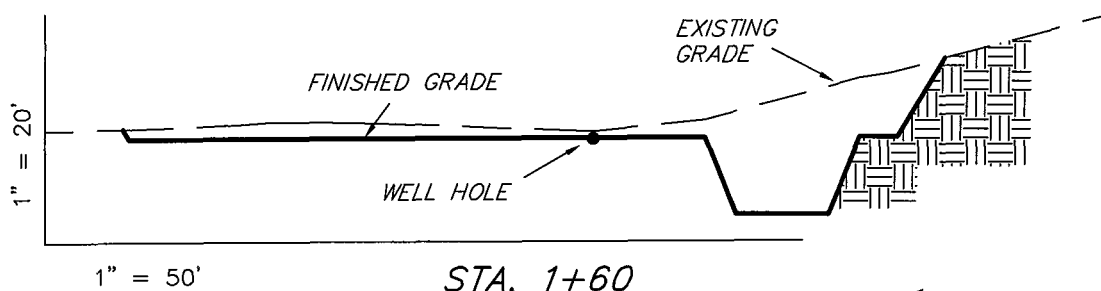
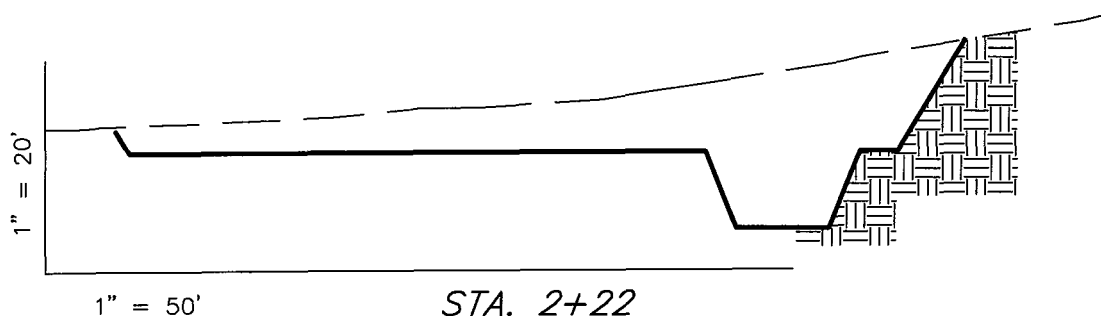
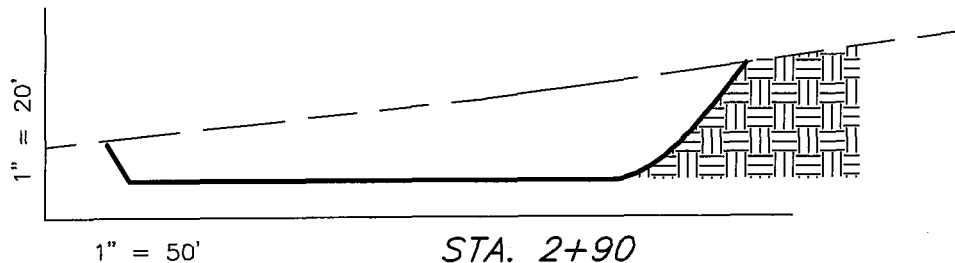
DATE: 1-02-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 7-8-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-------|-------|------------------------------------|--------|
| PAD | 4,980 | 3,490 | Topsoil is not included in Pad Cut | 1,490 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 5,620 | 3,490 | 1,134 | 2,130 |

SURVEYED BY: K.S.

SCALE: 1" = 50'

DRAWN BY: M.W.

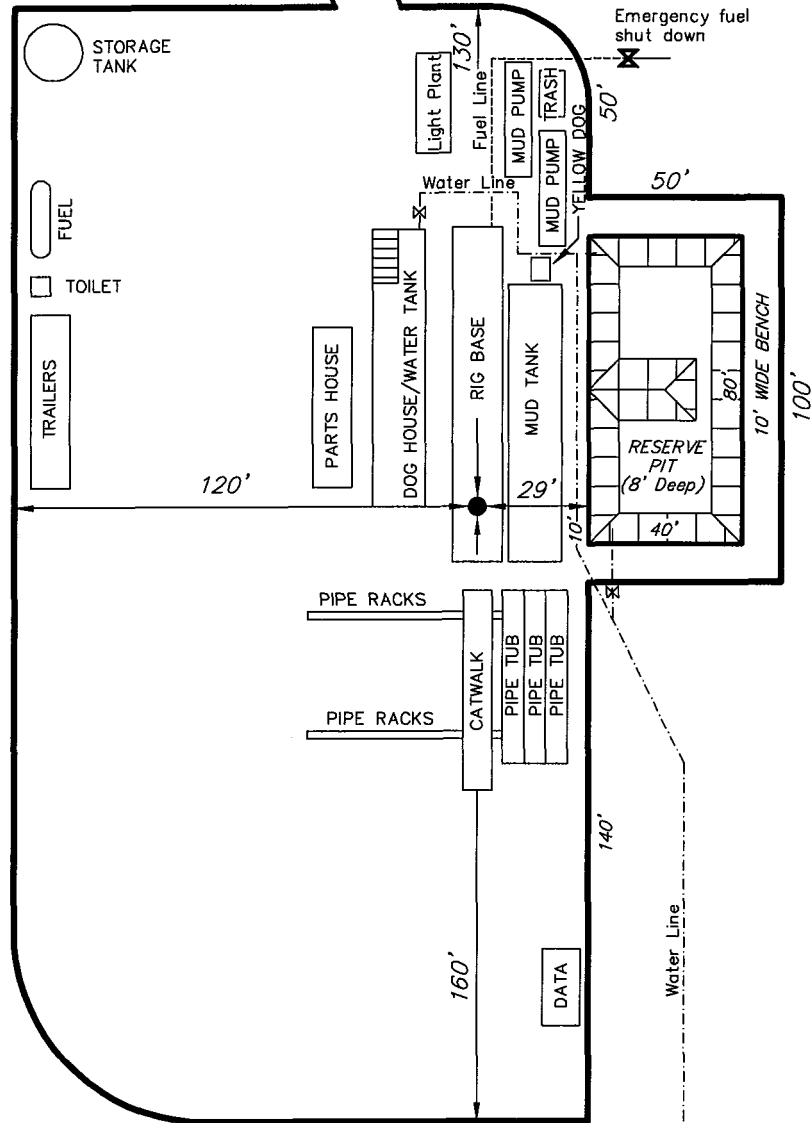
DATE: 1-02-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 7-8-9-16



SURVEYED BY: K.S.

SCALE: 1" = 50'

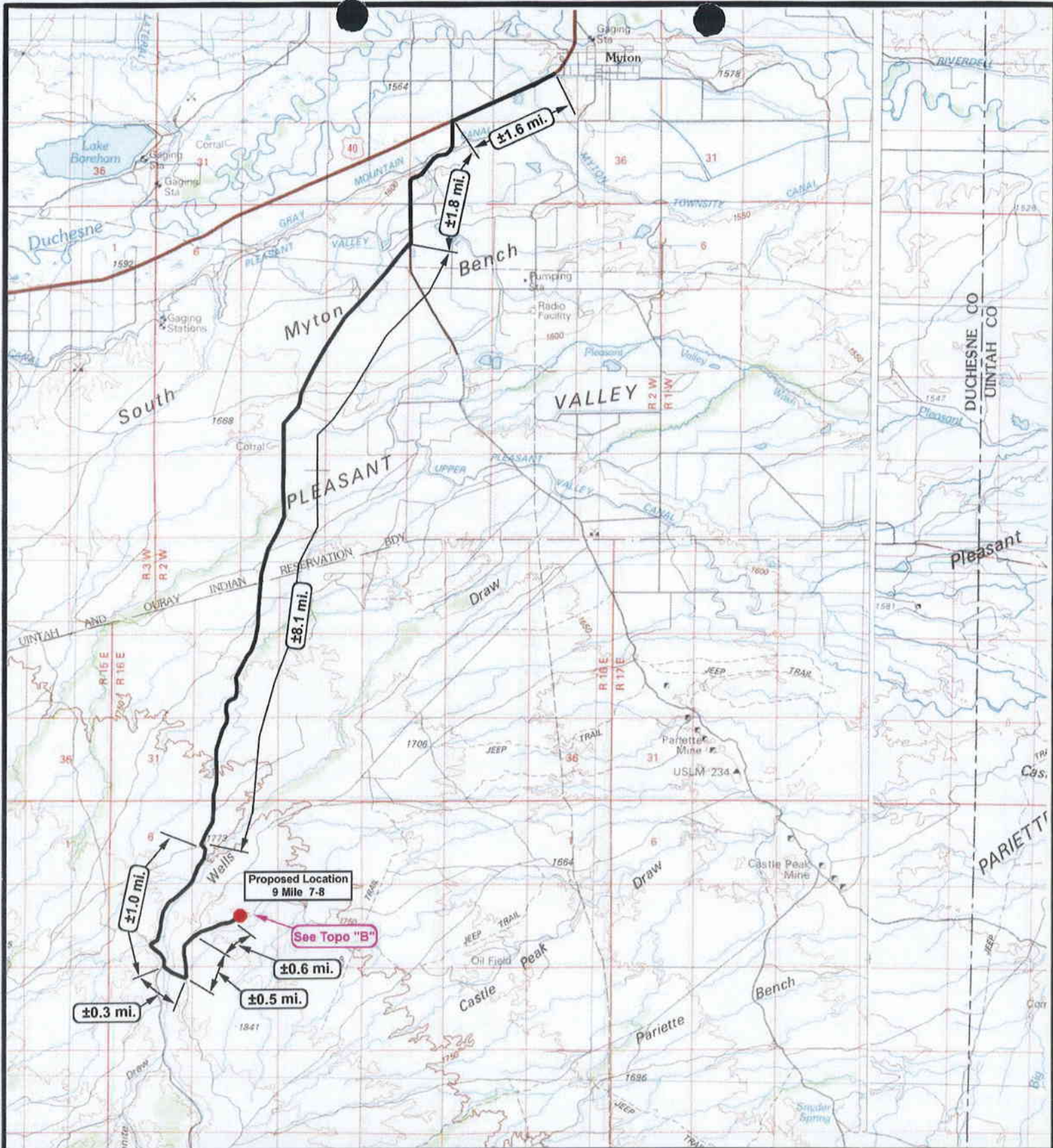
DRAWN BY: M.W.


DATE: 1-02-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078





NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-03-2006

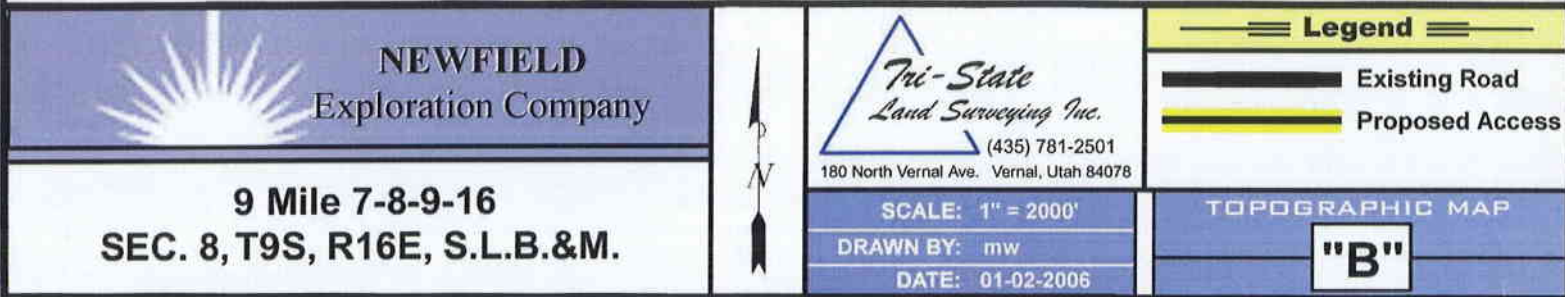
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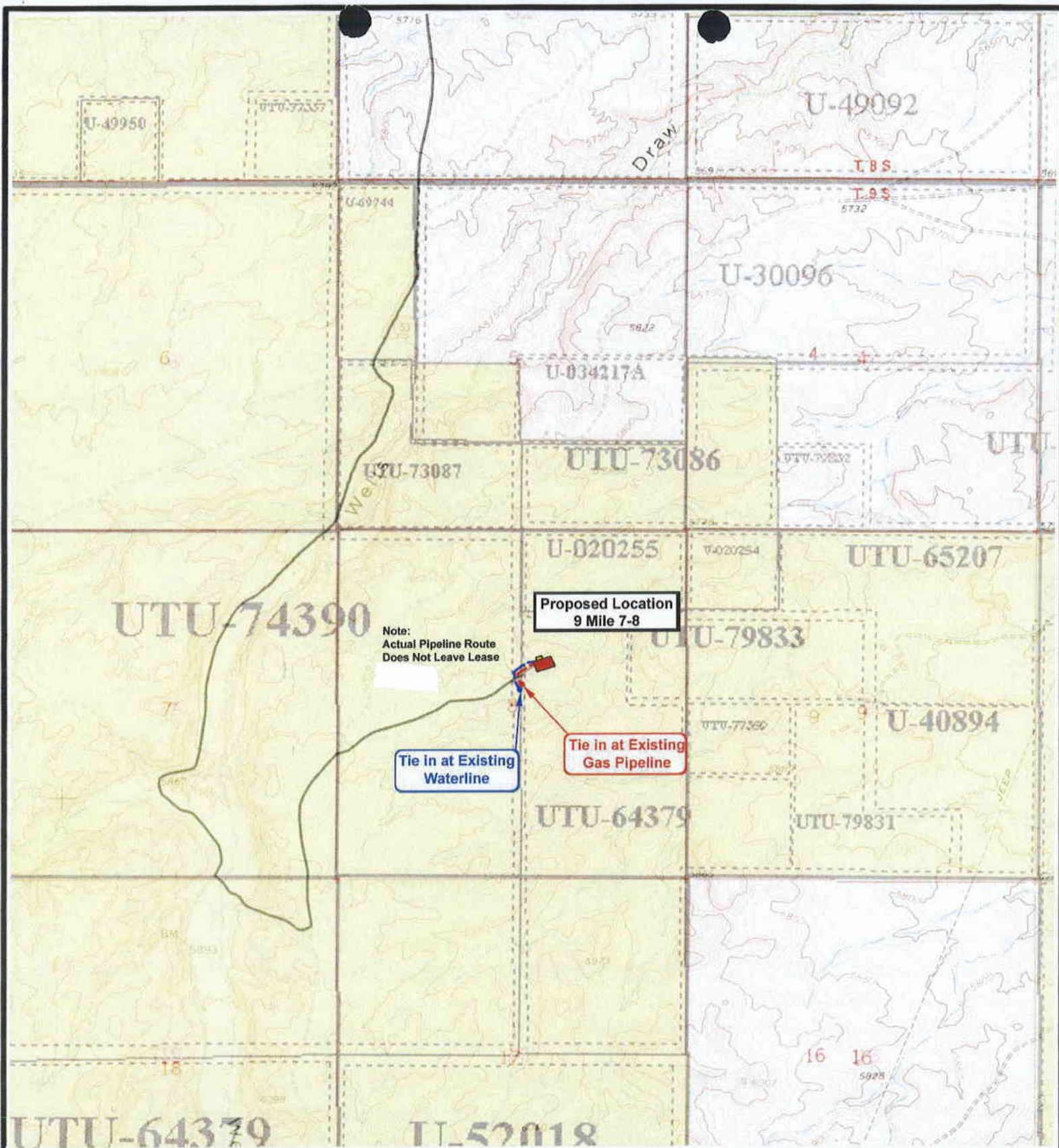
Existing Road


Proposed Access

TOPOGRAPHIC MAP

"A"







NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

DATE: 01-02-2006

Legend

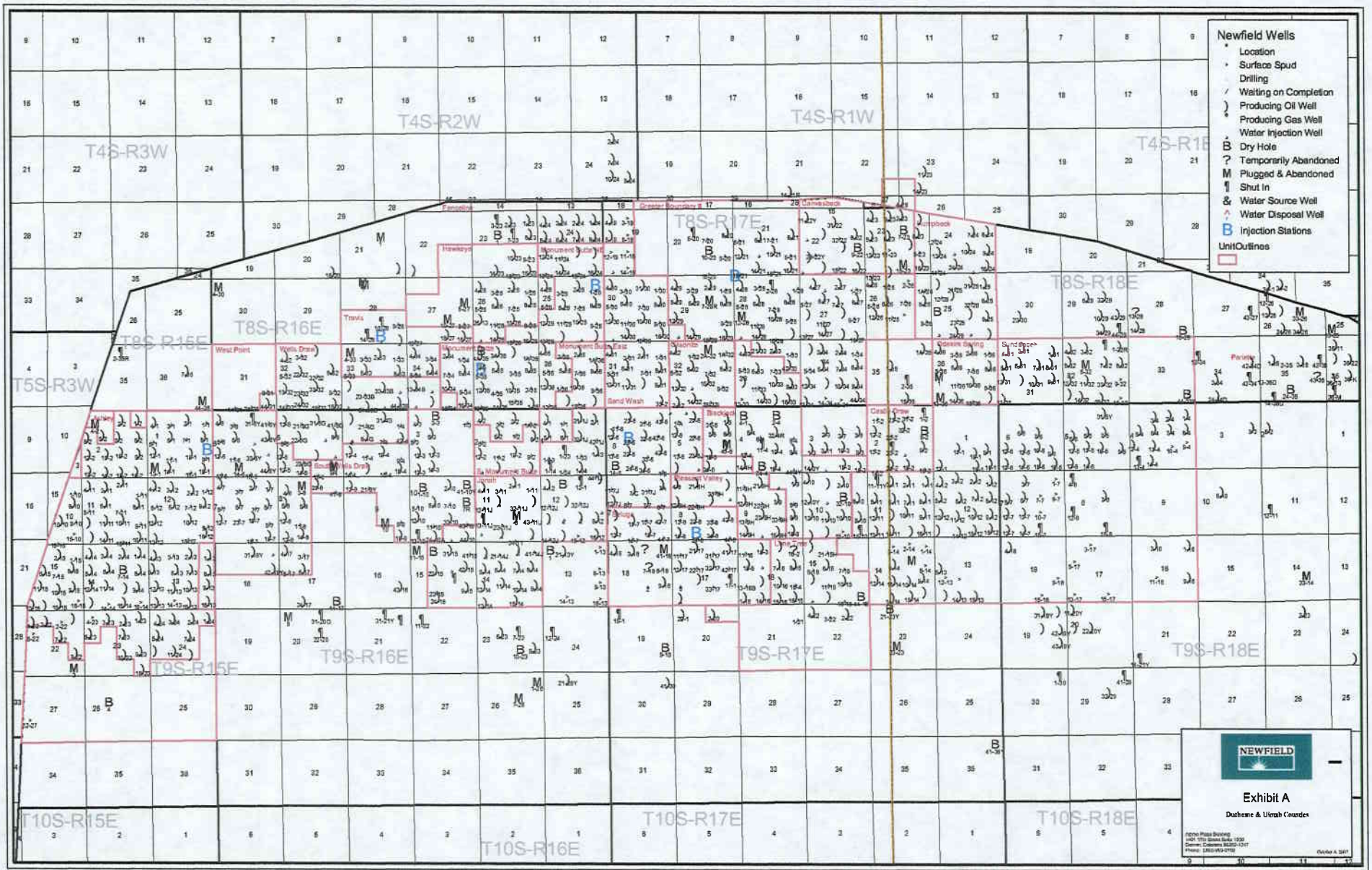
— Roads

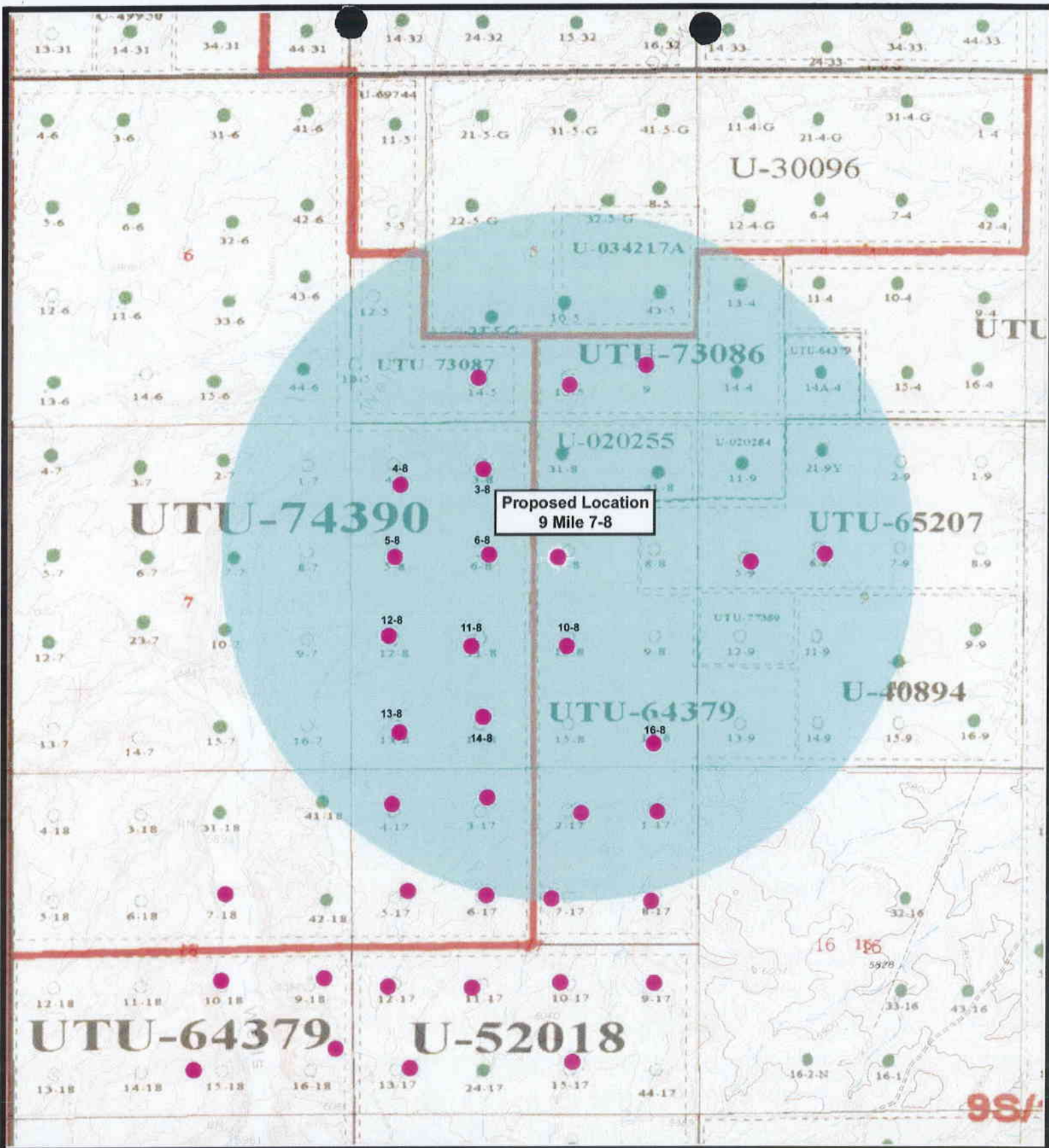
--- Proposed Gas Line


--- Proposed Water Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

9 Mile 7-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-03-2006

Legend

● **Well Locations**
● **One-Mile Radius**

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

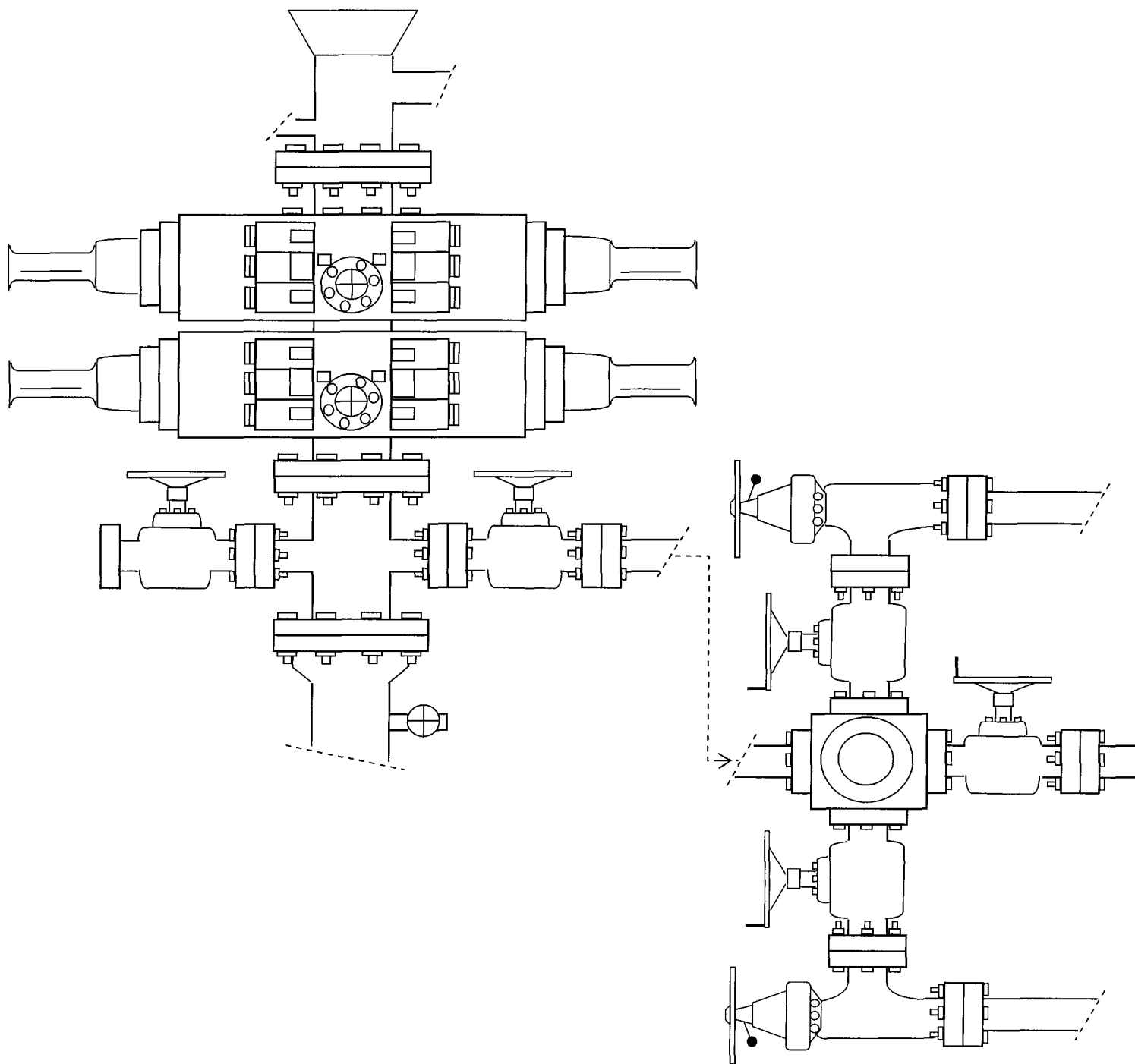


EXHIBIT C

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998.

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/15/2006

API NO. ASSIGNED: 43-013-33056

WELL NAME: FEDERAL 7-8-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 08 090S 160E

SURFACE: 2003 FNL 2179 FEL

BOTTOM: 2003 FNL 2179 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04714 LONGITUDE: -110.1409

UTM SURF EASTINGS: 573281 NORTHINGS: 4433133

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

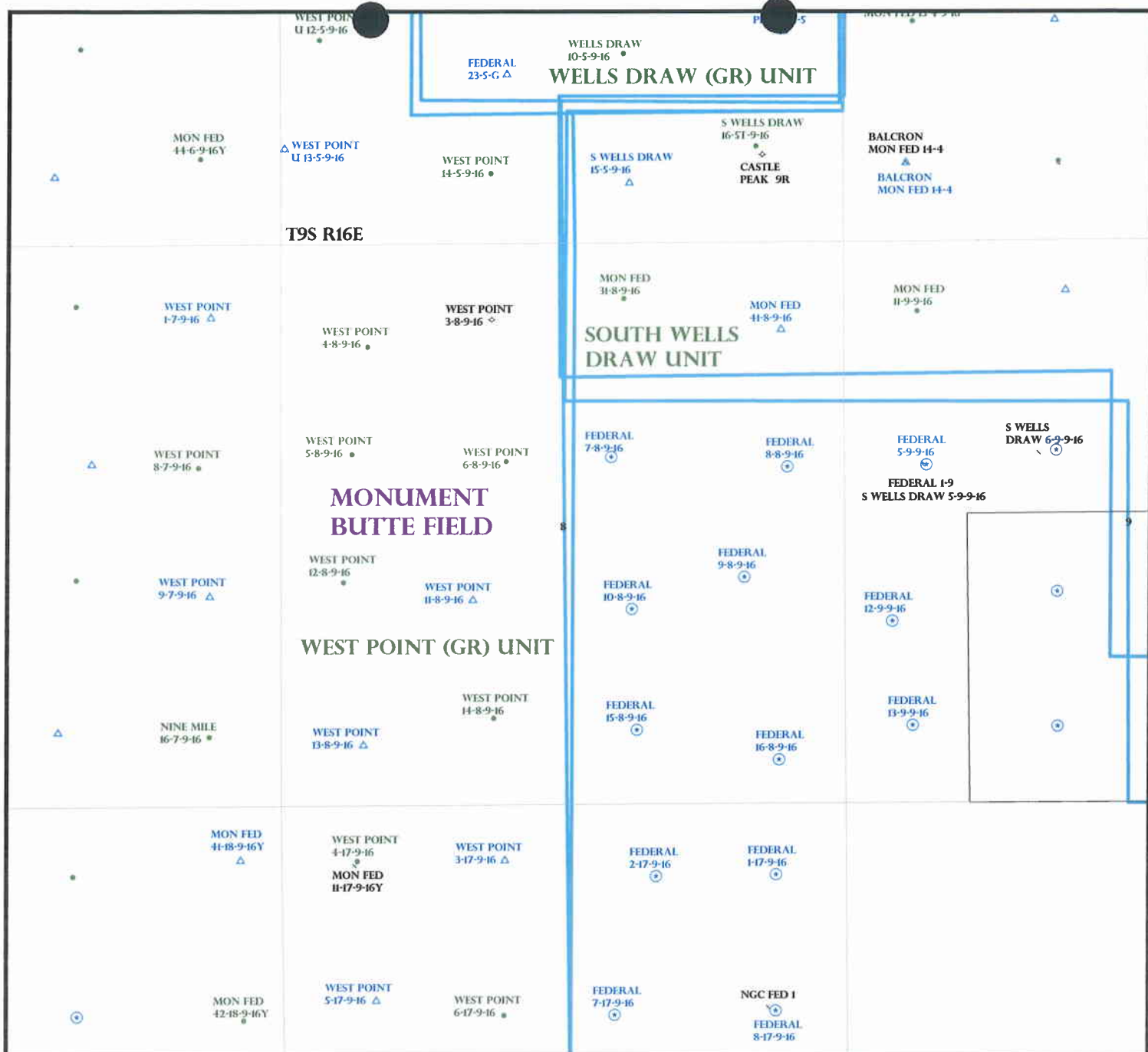
____ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS:

Sop, Separate file

STIPULATIONS:

*1. Federal Approval
2. Spacing Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

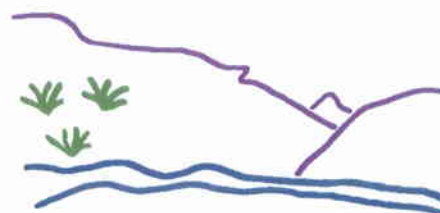
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 17-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 21, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 7-8-9-16 Well, 2003' FNL, 2179' FEL, SW NE, Sec. 8, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33056.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 7-8-9-16
API Number: 43-013-33056
Lease: UTU-64379

Location: SW NE Sec. 8 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

FEB 15 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

| |
|--|
| 5. Lease Serial No. UTU-64379 |
| 6. If Indian, Allottee or Tribe Name N/A |
| 7. If Unit or CA Agreement, Name and No. N/A |
| 8. Lease Name and Well No. Federal 7-8-9-16 |
| 9. API Well No. 43-013-33056 |
| 10. Field and Pool, or Exploratory Monument Butte |
| 11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 8, T9S R16E |
| 12. County or Parish Duchesne |
| 13. State UT |

| | | |
|--|---|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | |
| 2. Name of Operator Newfield Production Company | | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 3b. Phone No. (include area code) (435) 646-3721 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2003' FNL 2179' FEL At proposed prod. zone | | |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 13.9 miles southwest of Myton, Utah | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 461' f/lse, NA' f/unit | 16. No. of Acres in lease 1626.36 | 17. Spacing Unit dedicated to this well 40 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1625' | 19. Proposed Depth 6240' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5889' GL | 22. Approximate date work will start* 2nd Quarter 2006 | 23. Estimated duration Approximately seven (7) days from spud to rig release |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|--|--------------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 2/10/06 |
| Title Regulatory Specialist | | |
| Approved by (Signature) | Name (Printed/Typed) Jerry Kencska | Date 12-13-2006 |
| Title Assistant Field Manager Lands & Mineral Resources | Office | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

DEC 21 2006

DIV. OF OIL, GAS & MINING

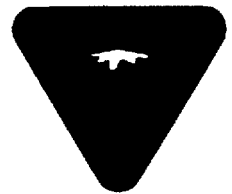
075XS0107A

UDOGH



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWNE, Sec 8, T9S, R16E
Well No: Federal 7-8-9-16 Lease No: UTU-64379
API No: 43-013-33056 Agreement: N/A

| | | | |
|--|----------------|----------------------|--------------------|
| Petroleum Engineer: | Matt Baker | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer: | Michael Lee | Office: 435-781-4432 | Cell: 435-828-7875 |
| Supervisory Petroleum Technician: | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| Environmental Scientist: | Paul Buhler | Office: 435-781-4475 | Cell: 435-828-4029 |
| Environmental Scientist: | Karl Wright | Office: 435-781-4484 | |
| Natural Resource Specialist: | Holly Villa | Office: 435-781-4404 | |
| Natural Resource Specialist: | Melissa Hawk | Office: 435-781-4476 | |
| Natural Resource Specialist: | Scott Ackerman | Office: 435-781-4437 | |
| After Hours Contact Number: 435-781-4513 | | Fax: 435-781-4410 | |

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction (Notify Environmental Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Michael Lee) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Michael Lee) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. The proposed action is in Sage Grouse nesting habitat. According to the 43 CFR 3101.1-2, surface disturbing activities and drilling may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through June 30th**, no new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager two weeks prior to the anticipated construction, and approved prior to drilling or surface disturbing activities.
5. No drilling or surface disturbing activities are allowed 600' or less from live water.
6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
7. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
8. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
9. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
10. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
11. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES

12. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
13. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
14. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
15. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
16. The boulders >3' found at the surface or above ground will be saved for final reclamation.
17. Interim Reclamation (see below):
 - A. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
 - a. Interim Reclamation Seed Mix for location:
 - b. Galleta grass *Hilaria jamesil* 6 lbs/acre
 - c. Western wheatgrass *Pascopyrum smithii* 6 lbs/acre
 1. Per Live Seed Total 12 lbs/acre
 - d. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
 - c. There shall be no primary or secondary noxious weeds in the seed mixture.
 - d. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
 - e. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
 - f. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 7-8-9-16

Api No: 43-013-33056 Lease Type: FEDERAL

Section 08 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 01/16/07

Time 12:30 PM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 01/17/2007 Signed CHD

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. _____ **N2096**

| MAYTON, UT 44882 | | | | | | | | | | | | STATION ACT. NO. | | N2095 | |
|------------------------------|-------------------|---------------|------------|-------------------|-------|----|----|-----|----------|-----------|----------------|------------------|--|-------|--|
| ACTION CODE | CURRENT ENTRY NO. | NEW ENTRY NO. | API NUMBER | WELL NAME | QS | SC | TP | RQ | COUNTY | SPUD DATE | EFFECTIVE DATE | | | | |
| A | 99999 | 15888 | 4301333060 | FEDERAL 15-8-8-16 | SW/SE | 8 | 9S | 16E | DUCHESNE | 1/11/2007 | 1/18/07 | | | | |
| WELL 1 COMMENTS: GRUV | | | | | | | | | | | | | | | |
| A | 99999 | 15889 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 2 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15890 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 3 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15891 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 4 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15892 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 5 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15893 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 6 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15894 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 7 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15895 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 8 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15896 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 9 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15897 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 10 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15898 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 11 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15899 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 12 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15900 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 13 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15901 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 14 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15902 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 15 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15903 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 16 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15904 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 17 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15905 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 18 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15906 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 19 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15907 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 20 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15908 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 21 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15909 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 22 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15910 | 4301333056 | FEDERAL 7-8-8-16 | SW/NE | 8 | 9S | 16E | DUCHESNE | 01/16/07 | 1/18/07 | | | | |
| WELL 23 COMMENTS: GRUV 33056 | | | | | | | | | | | | | | | |
| A | 99999 | 15911 | 4301333056 | | | | | | | | | | | | |

ACTION CODES—See instructions on back of form.

- A - Establish new entity for new road (single road only)
B - Add new wall to existing entity (group or wall only)
C - Re-assign wall that was existing entity to another existing entity
D - Re-assign wall that was existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Lana Barker
Signature

LANA NEBEKER

Production Clerk
Title

January 17, 2007
Date

RECEIVED

JAN 17 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 7-8-9-16

9. API Well No.

4301333056

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2003 FNL 2179 FEL

SWNE Section 8 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Spud Notice _____ |
| | <input type="checkbox"/> Convert to | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 1-16-07 MIRU NDSI NS #1. Spud well @ 12:30 pm. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.35' On 1/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

RECEIVED
JAN 25 2007
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

01/23/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.35

LAST CASING 8 5/8" SET AT 317.29'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 7-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|---|--------|---|---------------------|---|--------|-------|--------|
| | | | | | | | |
| | | | | | | | |
| | | Shoe Joint 44.49' | | | | | |
| | | WHI - 92 csg head | | | 8rd | A | 0.95 |
| 7 | 8 5/8" | Maverick ST&C csg | 24# | J-55 | 8rd | A | 311.5 |
| | | GUIDE shoe | | | 8rd | A | 0.9 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 313.35 |
| TOTAL LENGTH OF STRING | | 313.35 | 7 | LESS CUT OFF PIECE | | | 2 |
| LESS NON CSG. ITEMS | | 1.85 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 0 | | CASING SET DEPTH | | | 323.35 |
| TOTAL | | 311.5 | 7 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 311.5 | 7 | | | | |
| TIMING | | 1ST STAGE | | GOOD CIRC THRU JOB Yes Bbls CMT CIRC TO SURFACE 4 RECIPROCATED PIPE FOR THRU FT STROKE N/A BUMPED PLUG TO 765 PSI | | | |
| BEGIN RUN CSG. Spud | | 1/16/2007 | 12:30PM | | | | |
| CSG. IN HOLE | | 1/17/2007 | 10:30AM | | | | |
| BEGIN CIRC | | 1/22/2007 | 2:17 PM | | | | |
| BEGIN PUMP CMT | | 1/22/2007 | 2:26 PM | | | | |
| BEGIN DSPL. CMT | | 1/22/2007 | 2:41 PM | | | | |
| PLUG DOWN | | 1/22/2007 | 2:47 PM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 160 | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield | | | | | |
| | | | | | | | |
| | | | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | SHOW MAKE & SPACING | | | | |
| Centralizers - Middle first, top second & third for 3 | | | | | | | |
| | | | | | | | |

COMPANY REPRESENTATIVE Don Bastian DATE 1/22/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.
USA UTU-64379
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-8-9-16

9. API Well No.
4301333056

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE
11. County or Parish, State

DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2003 FNL 2179 FEL
SWNE Section 8 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to | <input type="checkbox"/> Plug Back | <input checked="" type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

03/29/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 30 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|--|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2003 FNL 2179 FEL | | 8. WELL NAME and NUMBER: FEDERAL 7-8-9-16 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 8, T9S, R16E | | 9. API NUMBER: 4301333056 |
| | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/10/2007 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

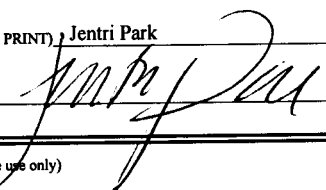
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 03/28/07, attached is a daily completion status report.

RECEIVED

APR 18 2007

DIV. OF OIL, GAS & MINING

| | |
|---|------------------------|
| NAME (PLEASE PRINT) Jentri Park | TITLE Production Clerk |
| SIGNATURE  | DATE 04/10/2007 |

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 7-8-9-16**1/1/2007 To 5/30/2007****3/17/2007 Day: 1****Completion**

Rigless on 3/16/2007 - Install 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6096' & cement top @ 85'. Perforate stage #1, CP1 sds @ 5741-5752' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 44 shots. 147 bbls EWTR. SIFN.

3/20/2007 Day: 2**Completion**

Rigless on 3/19/2007 - RU BJ Services. 0 psi on well. Frac CP1 sds w/ 14,783#'s of 20/40 sand in 265 bbls of Lightning 17 fluid. Broke @ 3691 psi. Treated w/ ave pressure of 1736 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1660 psi. Leave pressure on well. 412 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Set plug @ 5620'. Perforate LODC sds @ 5511- 19' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 32 shots. RU BJ Services. 1180 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 1014 psi on well. Frac LODC sds w/ 35,135#'s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 2860 psi. Treated w/ ave pressure of 2009 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2220 psi. Leave pressure on well. 787 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 6' perf gun. Set plug @ 5170'. Perforate B1 sds @ 5064- 70' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 24 shots. RU BJ Services. 2010 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 2010 psi on well. Frac B1 sds w/ 19,832#'s of 20/40 sand in 300 bbls of Lightning 17 fluid. Broke @ 4198 psi. Treated w/ ave pressure of 1820 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1850 psi. Leave pressure on well. 1087 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 5' & 6' perf gun. Set plug @ 4950'. Perforate DS3 sds @ 4838- 43', 4784- 90' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 44 shots. RU BJ Services. 1505 psi on well. Frac DS3 sds w/ 29,693#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3635 psi. Treated w/ ave pressure of 2140 psi @ ave rate of 25.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1980 psi. Leave pressure on well. 1447 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8', 5' & 5' perf gun. Set plug @ 4470'. Perforate GB6 sds @ 4364- 72', 4342- 47', GB4 sds @ 4310- 15' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 72 shots. RU BJ Services. 1530 psi on well. Frac GB4 & GB6 sds w/ 71,931#'s of 20/40 sand in 538 bbls of Lightning 17 fluid. Broke @ 2566 psi. Treated w/ ave pressure of 25.6 psi @ ave rate of 538 BPM. ISIP 1840 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec. 240 BTF. SIWFN w/ 1745 BWTR.

3/23/2007 Day: 3**Completion**

Nabors #919 on 3/22/2007 - MIRU Nabors #919. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ Weatherford 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag fill @ 4327'. Pull up to 4277'. RU powerswivel.

RU pump & lines. SWIFN.**3/26/2007 Day: 4****Completion**

Nabors #919 on 3/23/2007 - RIH w/ tbg. Tag @ 4327'. C/O to CBP @ 4470'. DU CBP in 70 min. Cont. RIH w/ tbg. Tag @ 4851'. C/O to CBP @ 4950'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag CBP @ 5170'. DU CBP in 80 min. Cont. RIH w/ tbg. Tag @ 5515'. Pull up to 5483'. SWIFN.

3/27/2007 Day: 5**Completion**

Nabors #919 on 3/26/2007 - Cont. C/O to CBP @ 5620'. DU CBP. Cont. RIH w/ tbg. Tag @ 6056'. C/O to PBTD @ 6172'. Circulate well clean. Pull up to 6048'. RU swab. SFL @ surface. Made 23 runs. Recovered 155 bbls. Small show of sand. No show of gas. Ending oil cut @ approx. 10%. EFL @ 2100'. SWIFN.

3/28/2007 Day: 6**Completion**

Nabors #919 on 3/27/2007 - RIH w/ tbg. Tag PBTD @ 6172'. Circulate well clean. POOH w/ tbg. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOP. Set TAC @ 5712' w/ 16,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 114- 3/4" slick rods, 99- 3/4" guided rods, 1 1/2" x 22' polished rod. Seat pump. Tbg. was full. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. SWIFN.

3/29/2007 Day: 7**Completion**

Nabors #919 on 3/28/2007 - RD. Put well on production @ 9:00 a.m. 86" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2003' FNL & 2179' FEL (SW/NE) Sec. 8, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33056 DATE ISSUED 02/21/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 01/16/07 16. DATE T.D. REACHED 02/25/07 17. DATE COMPL. (Ready to prod.) 03/28/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5889' GL 5901' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6050' 21. PLUG BACK T.D., MD & TVD 6172' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4310'-5752'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED
No

23. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 323' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 6217' | 7-7/8" | 300 sx Premlite II and 450 sx 50/50 Poz | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2-7/8" | EOT @ 5811' | TA @ 5712' |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|------|------------|---------------------|--|
| (CP1) 5741'-5752' | .49" | 4/44 | 5741'-5752' | Frac w/ 14,783# 20/40 sand in 265 bbls fluid |
| (LODC) 5511'-5519' | .43" | 4/32 | 5511'-5519' | Frac w/ 35,135# 20/40 sand in 375 bbls fluid |
| (B1) 5064'-5070' | .43" | 4/24 | 5064'-5070' | Frac w/ 19,832# 20/40 sand in 300 bbls fluid |
| (DS3) 4838'-4843', 4784'-4790' | .43" | 4/44 | 4784'-4843' | Frac w/ 29,693# 20/40 sand in 360 bbls fluid |
| B6 & 4) 4364'-4372', 4342'-4347', 4310'-15' | .43" | 4/72 | 4310'-4372' | Frac w/ 71,931# 20/40 sand in 538 bbls fluid |

33.* PRODUCTION

| | | | | | | | | |
|-----------------------------------|-----------------|---|--------------------------------------|------------------|-----------------|-------------------------|---|--|
| DATE FIRST PRODUCTION 03/28/07 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump | | | | | WELL STATUS (Producing or shut-in) PRODUCING | |
| DATE OF TEST 10 day ave | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD -----> | OIL--BBLs. 58 | GAS--MCF. 27 | WATER--BBL. 23 | GAS-OIL RATIO 466 | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE -----> | OIL-BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | | |
| RECEIVED | | | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

APR 18 2007

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park

TITLE Production Clerk

DATE 4/11/2007

DIV. OF OIL, GAS & MINING

*(See Instructions and Spaces for Additional Data on Reverse Side)

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | | | | 38. GEOLOGIC MARKERS | | |
|---|-----|--------|-------------------------------|-----------------------|-------------|---------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | Well Name Federal 7-8-9-16 | Garden Gulch Mkr | 3791' | |
| | | | | Garden Gulch 1 | 4014' | |
| | | | | Garden Gulch 2 | 4122' | |
| | | | | Point 3 Mkr | 4379' | |
| | | | | X Mkr | 4650' | |
| | | | | Y-Mkr | 4684' | |
| | | | | Douglas Creek Mkr | 4802' | |
| | | | | BiCarbonate Mkr | 5034' | |
| | | | | B Limestone Mkr | 5148' | |
| | | | | Castle Peak | 5693' | |
| | | | | Basal Carbonate | 6115' | |
| | | | | Total Depth (LOGGERS) | 6235' | |



June 7, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED
JUN 12 2012
DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #7-8-9-16
Monument Butte Field, Lease #UTU-64379
Section 8-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #7-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #7-8-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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APPLICATION FOR INJECTION WELL - UIC FORM 1

| | | | | | | | | | | | |
|-----------------------|-------------------------------------|-------------|---------|----------|----------|-----------|-------|------------|------------------|-----------------|--|
| Well Name and number: | <u>Federal #7-8-9-16</u> | | | | | | | | | | |
| Field or Unit name: | <u>Monument Butte (Green River)</u> | | | | | | | Lease No. | <u>UTU-64379</u> | | |
| Well Location: | QQ | <u>NWNE</u> | section | <u>8</u> | township | <u>9S</u> | range | <u>16E</u> | county | <u>Duchesne</u> | |

API number: 43-013-33056

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

| | | | |
|-----------|-----------------|-----------|--|
| Name: | Eric Sundberg | Signature |  |
| Title | Regulatory Lead | Date | 6/7/13 |
| Phone No. | (303) 893-0102 | | |

(State use only)

Application approved by _____ Title _____

Approval Date _____

Comments:

Federal 7-8-9-16

Spud Date: 1-16-07
Put on Production: 3-28-07
GL: 5889' KB: 5901'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

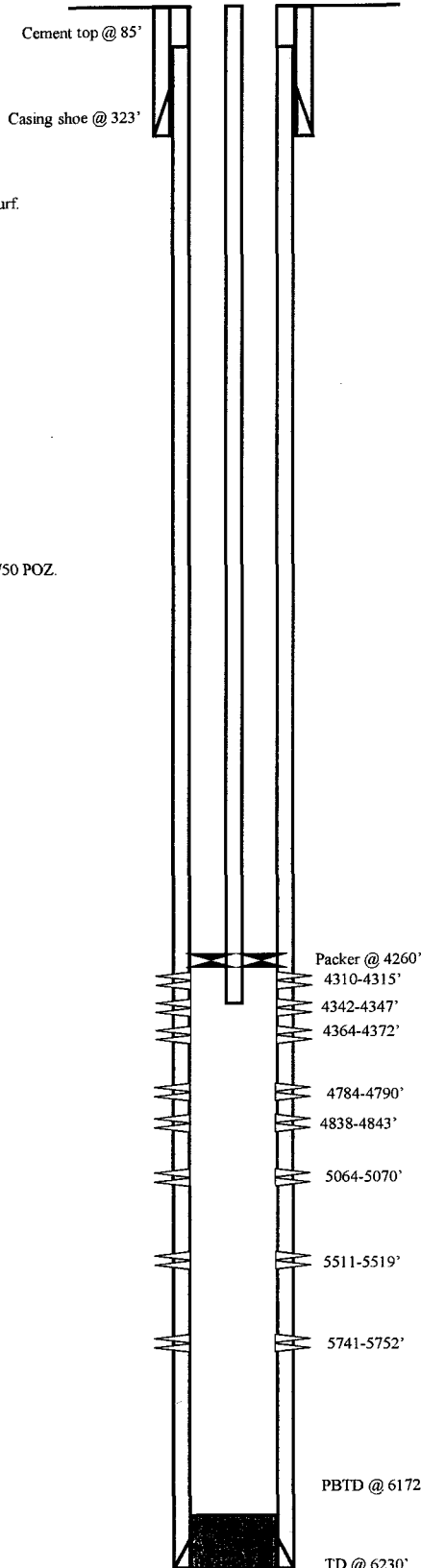
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.5')
DEPTH LANDED: 323.35' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts (6204.07')
DEPTH LANDED: 6217.32' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5699.88')
TUBING ANCHOR: 5711.88' KB
NO. OF JOINTS: 1 jts (31.61')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5746.29' KB
NO. OF JOINTS: 2 jts (63.22')
TOTAL STRING LENGTH: EOT @ 5811' KB



FRAC JOB

| | | |
|----------|------------|--|
| 04-19-07 | 5741-5752' | Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal. |
| 04-19-07 | 5860-5870' | Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal. |
| 04-19-07 | 5064-5070' | Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal. |
| 04-19-07 | 4784-4843' | Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal. |
| 04-19-07 | 4310-4372' | Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-16-07 | 5741-5752' | 4 JSPF | 44 holes |
| 04-19-07 | 5511-5519' | 4 JSPF | 32 holes |
| 04-19-07 | 5064-5070' | 4 JSPF | 24 holes |
| 04-19-07 | 4838-4843' | 4 JSPF | 20 holes |
| 04-19-07 | 4784-4790' | 4 JSPF | 24 holes |
| 04-19-07 | 4364-4372' | 4 JSPF | 32 holes |
| 04-19-07 | 4342-4347' | 4 JSPF | 20 holes |
| 04-19-07 | 4310-4315' | 4 JSPF | 20 holes |

NEWFIELD

Federal 7-8-9-16

2003' FNL & 2179' FEL

NW/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33056; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #7-8-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #7-8-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4121' - 6172'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3789' and the TD is at 6217'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #7-8-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 6217' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1623 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #7-8-9-16, for existing perforations (4310' - 5753') calculates at 0.72 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1623 psig. We may add additional perforations between 3789' and 6217'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #7-8-9-16, the proposed injection zone (4121' - 6172') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-16.

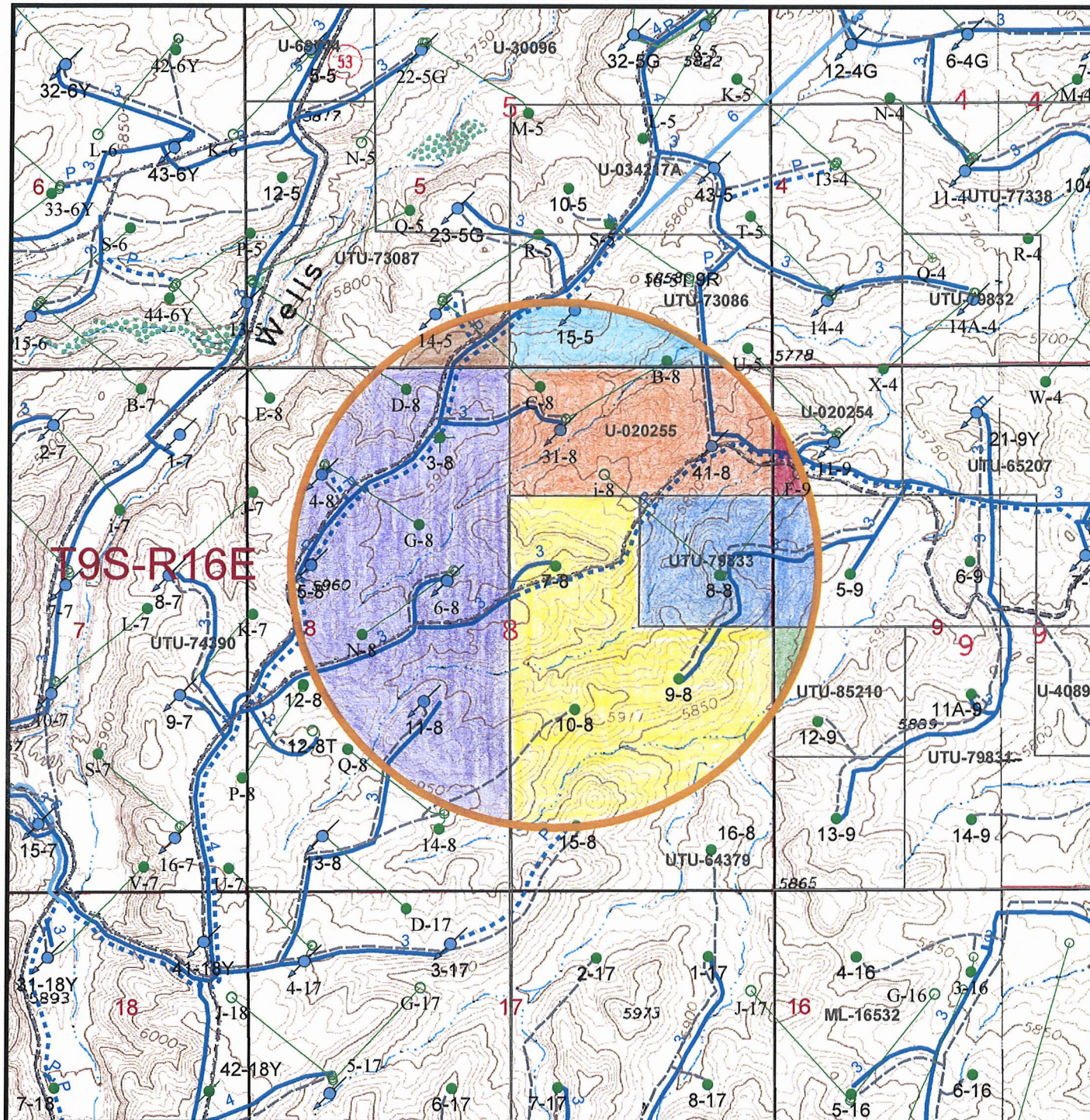
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



Federal 7-8
Section 8, T 9S-R16E

NEWFIELD



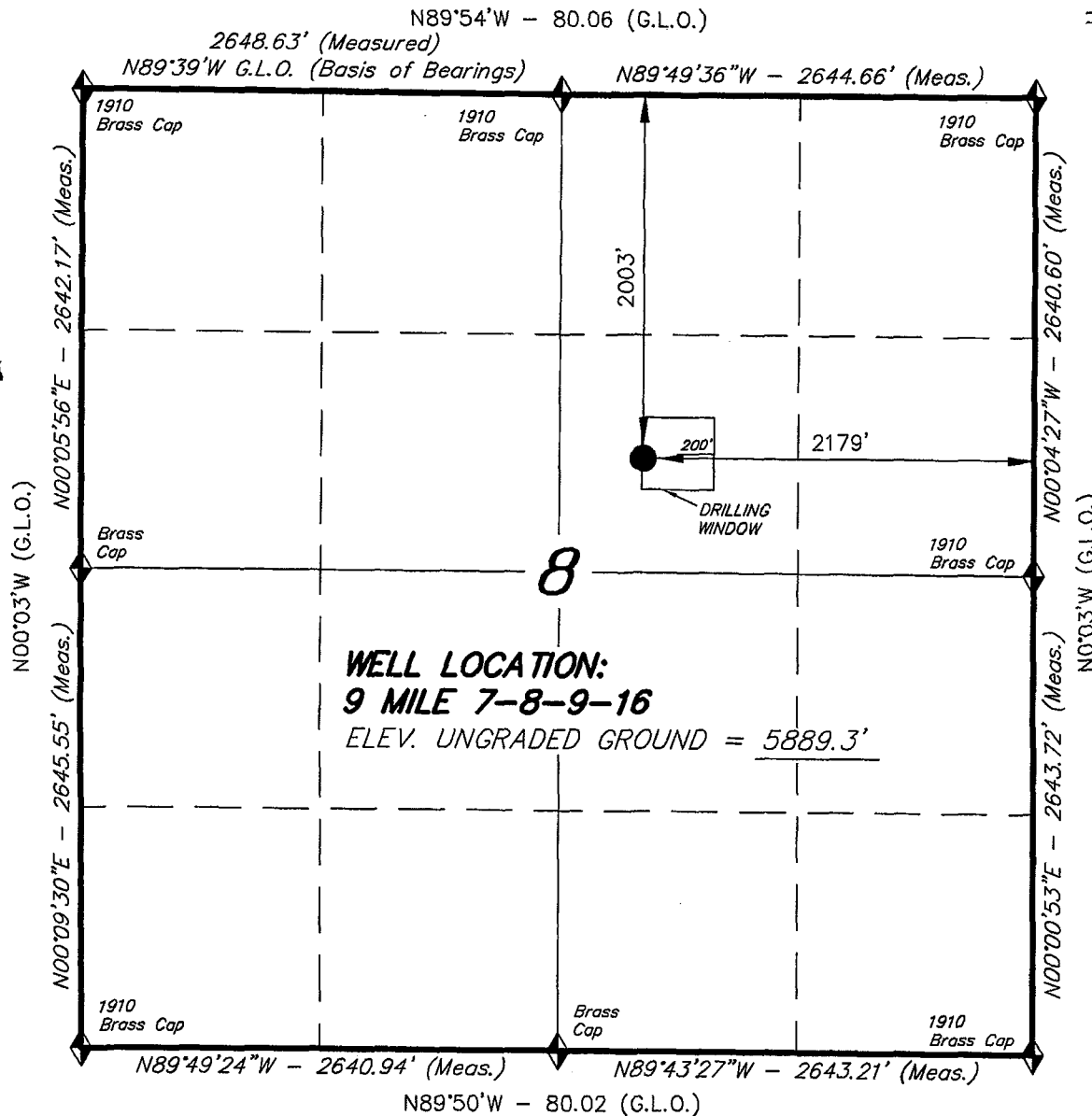
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

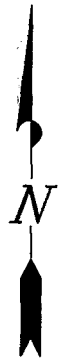
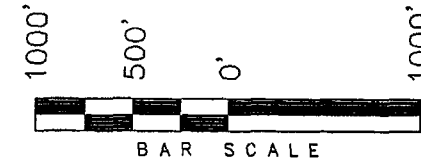
May 2, 2012

T9S, R16E, S.L.B.&M.

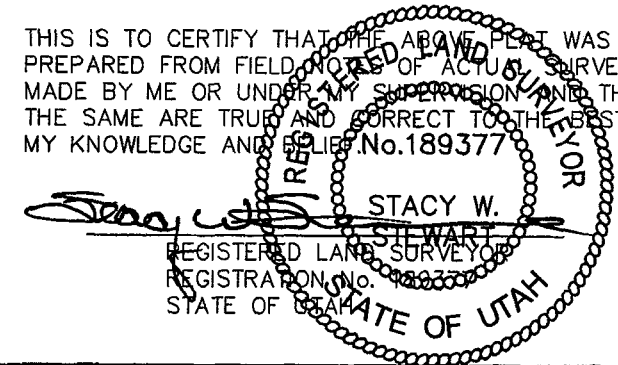
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 7-8-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-8-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 49.834"
LONGITUDE = 110° 08' 29.540"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 12-07-05 | SURVEYED BY: K.S. |
| DATE DRAWN: 1-02-05 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

EXHIBIT B

| # | Legal Description | Lessor & Expiration | Lessee & Operating Rights | Surface Owner |
|---|--|---------------------------|--|---------------|
| 1 | T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW | USA UTU-64379 HBP | Newfield Production Company Newfield RMI LLC Yates Petroleum Corp | USA |
| 2 | T9S-R16E SLM Section 8: SENE Section 9: S2NW | USA UTU-79833 HBP | Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp | USA |
| 3 | T9S-R16E SLM Section 9: NWSW | USA UTU-85210 HBP | Newfield Production Company | USA |
| 4 | T9S-R16E SLM Section 8: N2NE | USA UTU- 020255 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 5 | T9S-R16E SLM Section 9: NWNW | USA UTU- 020254 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 6 | T9S-R16E SLM Section 4: W2SW Section 5: S2SE | USA UTU-73086 HBP | Newfield Production Company Newfield RMI LLC | USA |

| | | | | |
|---|--|--------------------------|--|-----|
| 7 | T9S-R16E SLM Section 5: W2SW, SESW | USA UTU- 73087 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 8 | T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1, 2 | USA UTU-74390 HBP | Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp | USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #7-8-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

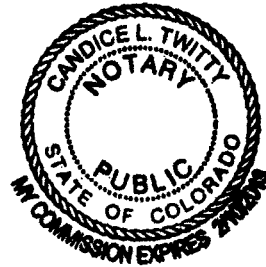
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 7th day of June, 2012.

Notary Public in and for the State of Colorado: _____

My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 7-8-9-16

Attachment E

Spud Date: 1-16-07
Put on Production: 3-28-07
GL: 5889' KB: 5901'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.5')
DEPTH LANDED: 323.35' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (6204.07') Includes Shoe Jt. (44.36')
DEPTH LANDED: 6217.32' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5699.88')
TUBING ANCHOR: 5711.88' KB
NO. OF JOINTS: 1 jts (31.61')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5746.29' KB
NO. OF JOINTS: 2 jts (63.22')
TOTAL STRING LENGTH: EOT @ 5811' KB

SUCKER RODS

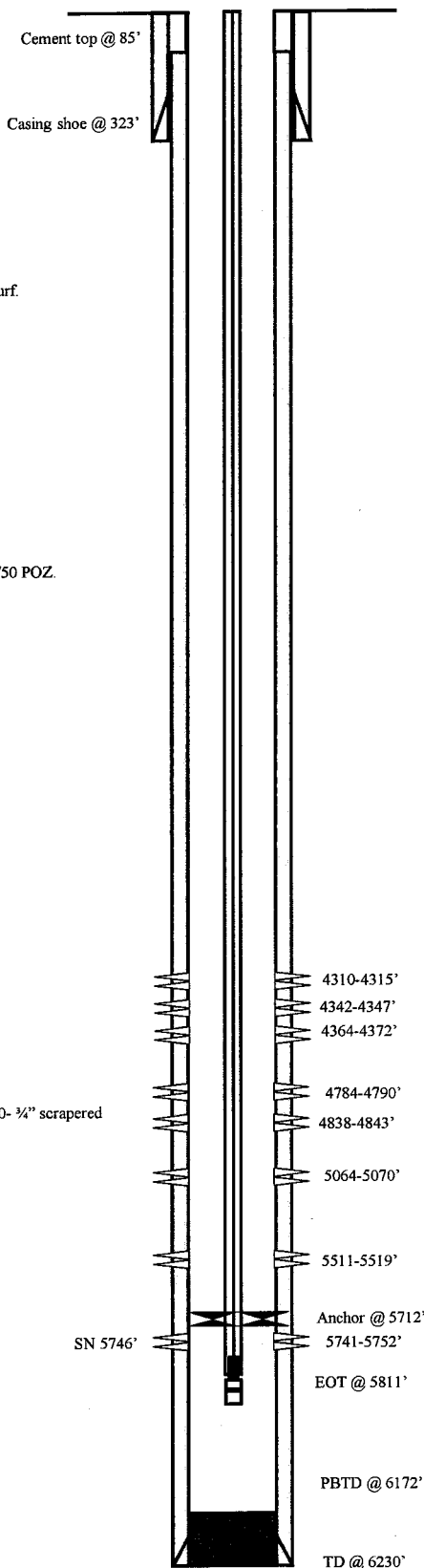
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 99- 3/4" scraped rods, 114- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

| | | |
|----------|------------|--|
| 04-19-07 | 5741-5752' | Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal. |
| 04-19-07 | 5860-5870' | Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal. |
| 04-19-07 | 5064-5070' | Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal. |
| 04-19-07 | 4784-4843' | Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal. |
| 04-19-07 | 4310-4372' | Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-16-07 | 5741-5752' | 4 JSPF | 44 holes |
| 04-19-07 | 5511-5519' | 4 JSPF | 32 holes |
| 04-19-07 | 5064-5070' | 4 JSPF | 24 holes |
| 04-19-07 | 4838-4843' | 4 JSPF | 20 holes |
| 04-19-07 | 4784-4790' | 4 JSPF | 24 holes |
| 04-19-07 | 4364-4372' | 4 JSPF | 32 holes |
| 04-19-07 | 4342-4347' | 4 JSPF | 20 holes |
| 04-19-07 | 4310-4315' | 4 JSPF | 20 holes |



Federal 7-8-9-16
2003 FNL & 2179 FEL (NW/NE)
Section 8, T9S, R16E
Duchesne County, Utah
API #43-013-33056; Lease # UTU-64379

Federal 15-8-9-16

Spud Date: 01/11/07
Put on Production: 03/09/07

K.B.: 5934, G.L.: 5922

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294.01')
DEPTH LANDED: 305.86' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6120.05')
DEPTH LANDED: 6133.30' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 64'

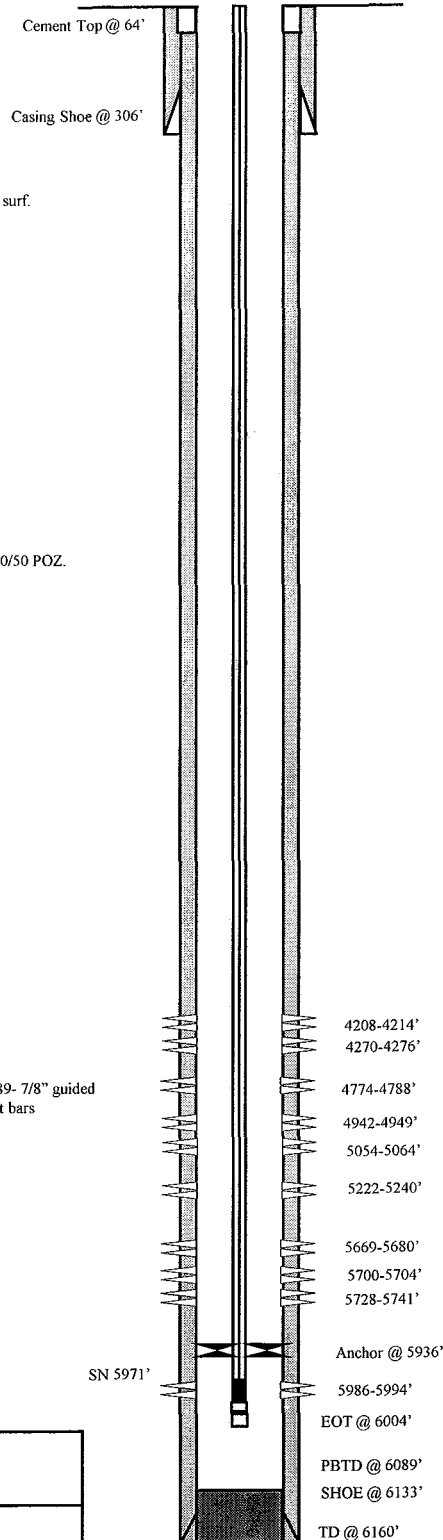
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 187 jts (5925.9')
TUBING ANCHOR: 5935.9' KB
NO. OF JOINTS: 1 jts (31.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5970.5' KB
NO. OF JOINTS: 1 jts (31.6')
TOTAL STRING LENGTH: EOT @ 6004' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2" x 7/8" pony rod, 1-8" x 3/4" pony rods, 89- 7/8" guided rods, 119- 3/4" sucker rods, 23- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14" x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

Wellbore Diagram




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| | | |
|-----------|------------|---|
| 03/02/07 | 5986-5994' | Frac CP5 sands as follows: 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal. |
| 03/02/07 | 5669-5741' | Frac CP1,CP2 sands as follows: 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal. |
| 03/02/07 | 5222-5240' | Frac A1 sands as follows: 161764# 20/40 sand in 1071 bbls Lightning 17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 5250 gal. |
| 03/05/07 | 5054-5064' | Frac B2 sands as follows: 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578 gal. |
| 03/06/07 | 4942-4949' | Frac C sands as follows: 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839psi. Calc flush: 4947 gal. Actual flush: 4452 gal. |
| 03/06/07 | 4774-4788' | Frac D1 sands as follows: 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal. |
| 03/06/07 | 4208-4276' | Frac GB2, GB4 sands as follows: 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal. |
| 2/24/09 | | Pump Change. Updated rod & tubing details. |
| 11/25/09 | | Parted rods. Updated rod and tubing detail |
| 9/7/2010 | | Parted rods. Updated rod and tubing detail. |
| 10/1/2010 | | Pump change. Updated rod and tubing detail. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 02/21/07 | 5986-5994' | 4 JSPF | 32 holes |
| 03/02/07 | 5728-5741' | 4 JSPF | 52 holes |
| 03/02/07 | 5700-5704' | 4 JSPF | 16 holes |
| 03/02/07 | 5669-5680' | 4 JSPF | 44 holes |
| 03/02/07 | 5222-5240' | 4 JSPF | 72 holes |
| 03/02/07 | 5054-5064' | 4 JSPF | 40 holes |
| 03/05/07 | 4942-4949' | 4 JSPF | 28 holes |
| 03/06/07 | 4774-4788' | 4 JSPF | 56 holes |
| 03/06/07 | 4270-4276' | 4 JSPF | 24 holes |
| 03/06/07 | 4208-4214' | 4 JSPF | 24 holes |

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|  |
| Federal 15-8-9-16 703' FSL & 1952' FEL SW/SE Section 8-T9S-R16E Duchesne Co, Utah API #43-013-33060; Lease #UTU-64379 |

FEDERAL 10-8-9-16

Spud Date: 1/10/07
Put on Production: 03/20/07

GL: 5883' KB: 5895'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (291.07')
DEPTH LANDED: 302.92' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

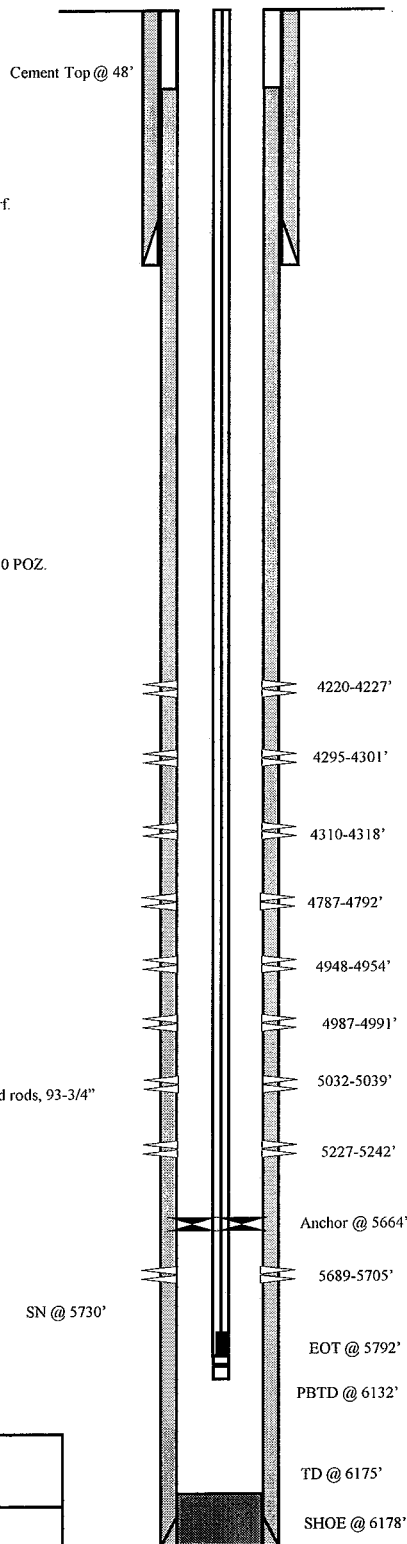
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6164.87')
DEPTH LANDED: 6178.12' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5652')
TUBING ANCHOR: 5664'
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5730'
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5792'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2", 1-4", 1-8" x 3/4" ponies, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' RHAC w/ sm Plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

Wellbore Diagram


Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| | | |
|------------|------------|---|
| 03/14/07 | 5689-5705' | Frac CP1 sands as follows: 70351# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.3 BPM. ISIP 1865 psi. Calc flush: 5687 gal. Actual flush: 5166 gal. |
| 02/26/07 | 5227-5242' | Frac A1 sands as follows: 70779# 20/40 sand in 576 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.3 BPM. ISIP 2700 psi. Calc flush: 5225 gal. Actual flush: 4746 gal. |
| 03/15/07 | 5039-4948' | Frac C & B1 sands as follows: 60243# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1637 psi w/avg rate of 25.2 BPM. ISIP 1750 psi. Calc flush: 5037 gal. Actual flush: 4444 gal. |
| 03/15/07 | 4787-4792' | Frac D1 sands as follows: 14960# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 25.3 BPM. ISIP 1740 psi. Calc flush: 4785 gal. Actual flush: 4240 gal. |
| 03/15/07 | 4318-4295' | Frac GB6 sands as follows: 40023# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1617 psi w/avg rate of 14.7 BPM. ISIP 2025 psi. Calc flush: 4316 gal. Actual flush: 3822 gal. |
| 03/01/07 | 4220-4227' | Frac GB4 sands as follows: 23024# 20/40 sand in 251 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.2 BPM. ISIP 2030 psi. Calc flush: 4218 gal. Actual flush: 4116 gal. |
| 11-30-07 | | Pump Change. Updated rod & tubing details. |
| 4220-4227' | 2/22/08 | Pump change. Updated rod & tubing details. |
| | 3/23/09 | Pump change. Updated r & t details. |
| 4295-4301' | 10/8/09 | Parted rods. Updated rod & tubing details. |
| | 1/23/2010 | Tubing Leak. Update rod and tubing details. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 03/07/07 | 5689-5705' | 4 JSPF | 64 holes |
| 03/14/07 | 5227-5242' | 4 JSPF | 60 holes |
| 03/14/07 | 5032-5039' | 4 JSPF | 28 holes |
| 03/14/07 | 4987-4991' | 4 JSPF | 16 holes |
| 03/14/07 | 4948-4954' | 4 JSPF | 24 holes |
| 03/14/07 | 4787-4792' | 4 JSPF | 20 holes |
| 03/15/07 | 4310-4318' | 4 JSPF | 32 holes |
| 03/15/07 | 4295-4301' | 4 JSPF | 24 holes |
| 03/15/07 | 4220-4227' | 4 JSPF | 28 holes |

| |
|---|
|  |
| FEDERAL 10-8-9-16 1837'FSL & 1994' FEL NW/SE Section 8-T9S-R16E Duchesne Co, Utah API #43-047-33059; Lease # UTU-64379 |

Federal 9-8-9-16

Spud Date: 3-14-07
Put on Production: 4-23-07
GL: 5892' KB: 5904'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.93')
DEPTH LANDED: 323.83' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6053.57')
DEPTH LANDED: 6157.35' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5193.30')
TUBING ANCHOR: 5205.30' KB
NO. OF JOINTS: 2 jts (60.72')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5268.82' KB
NO. OF JOINTS: 2 jts (63.08')
TOTAL STRING LENGTH: EOT @ 5333.45' KB

SUCKER RODS

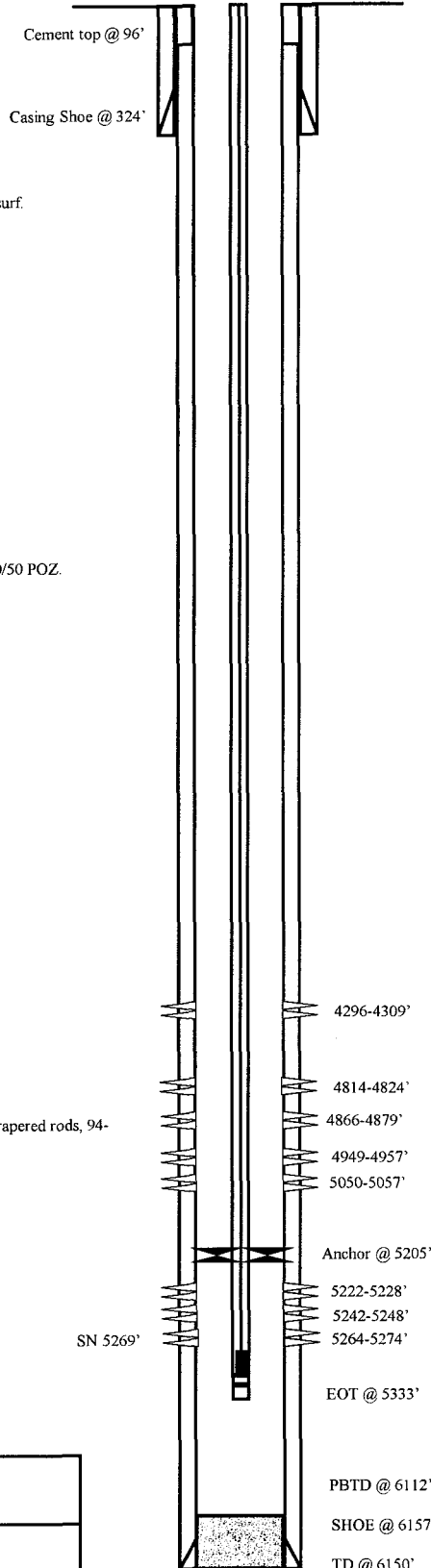
POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8", 6', 4', 2' X 3/4" pony rods, 98- 3/4" scraped rods, 94- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/4" weight rods..
PUMP SIZE: 2-1/2" x 1-1/2" x 20" RHAC w/SM plunger
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

| | | |
|----------|------------|--|
| 04-19-07 | 5222-5274' | Frac A3, & A1 sands as follows: 100620# 20/40 sand in 712 bbls Lightning 17 frac fluid. Treated @ avg press of 1866 psi w/avg rate of 25.2 BPM. ISIP 2198 psi. Calc flush: 5220 gal. Actual flush: 4746 gal. |
| 04-19-07 | 5050-5057' | Frac B1 sands as follows: 24901# 20/40 sand in 341 bbls Lightning 17 frac fluid. Treated @ avg press of 1844 psi w/avg rate of 25.6 BPM. ISIP 1903 psi. Calc flush: 5048 gal. Actual flush: 4578 gal. |
| 04-19-07 | 4949-4957' | Frac C sands as follows: 15025# 20/40 sand in 268 bbls Lightning 17 frac fluid. Treated @ avg press of 2058 psi w/avg rate of 25.5 BPM. ISIP 3687 psi. Calc flush: 4947 gal. Actual flush: 4494 gal. |
| 04-19-07 | 4814-4879' | Frac D2, & D1 sands as follows: 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid. Treated @ avg press of 1825 w/ avg rate of 25.5 BPM. ISIP 2118 psi. Calc flush: 4812 gal. Actual flush: 4326 gal. |
| 04-20-07 | 4296-4309' | Frac GB4 sands as follows: 75560# 20/40 sand in 560 bbls Lightning 17 frac fluid. Treated @ avg press of 1672 w/ avg rate of 25.4 BPM. ISIP 1958 psi. Calc flush: 4294 gal. Actual flush: 4200 gal. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-13-07 | 5264-5274' | 4 JSPF | 40 holes |
| 04-13-07 | 5242-5248' | 4 JSPF | 24 holes |
| 04-13-07 | 5222-5228' | 4 JSPF | 24 holes |
| 04-19-07 | 5050-5057' | 4 JSPF | 28 holes |
| 04-19-07 | 4949-4957' | 4 JSPF | 32 holes |
| 04-19-07 | 4866-4879' | 4 JSPF | 52 holes |
| 04-19-07 | 4814-4824' | 4 JSPF | 40 holes |
| 04-19-07 | 4296-4309' | 4 JSPF | 52 holes |



NEWFIELD

Federal 9-8-9-16

2136' FSL & 944' FEL

NE/SE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33058; Lease # UTU-64379

Federal 8-8-9-16

Spud Date: 1-25-07
Put on Production: 5-1-07

GL: 5862' KB: 5874'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311 37')
DEPTH LANDED: 323.22' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts (6189 94')
DEPTH LANDED: 6203.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
CEMENT TOP AT: 94'

TUBING

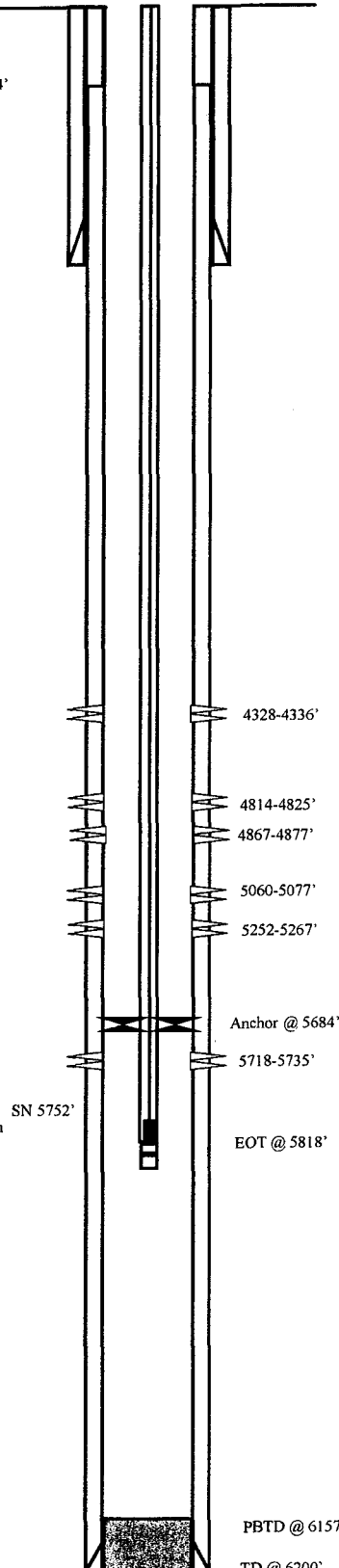
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (6066 48')
TUBING ANCHOR: 5684.32' KB
NO. OF JOINTS: 1 jts (31 64')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5751 67' KB
NO. OF JOINTS: 2 jts (63 14')
TOTAL STRING LENGTH: EOT @ 5817 80' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2" X 3/4" pony rods, 99- 3/4" guided rods, 129- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weighted rods
PUMP SIZE: 2-1/2" x 1-1/2" x 14 5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 94'

**FRAC JOB**

04-23-07 5718-5735' **Frac CP1 sands as follows:**
80674# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2148 psi. Calc flush: 5716 gal. Actual flush: 5208 gal.

04-24-07 5252-5267' **Frac a1 sands as follows:**
80738# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 23.9 BPM. ISIP 2166 psi. Calc flush: 5250 gal. Actual flush: 4788 gal.

04-24-07 5060-5077' **Frac B1 sands as follows:**
75928# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 24.5 BPM. ISIP 2088 psi. Calc flush: 5058 gal. Actual flush: 4578 gal.

04-24-07 4814-4877' **Frac D2, & D1 sands as follows:**
151956# 20/40 sand in 1015 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 w/ avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.

04-24-07 4328-4336' **Frac GB6 sands as follows:**
40746# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/ avg rate of 25.1 BPM. ISIP 1819 psi. Calc flush: 4326 gal. Actual flush: 4242 gal.

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-17-07 | 5718-5735' | 4 JSPF | 68 holes |
| 04-23-07 | 5252-5267' | 4 JSPF | 60 holes |
| 04-24-07 | 5060-5077' | 4 JSPF | 68 holes |
| 04-24-07 | 4867-4877' | 4 JSPF | 40 holes |
| 04-24-07 | 4814-4825' | 4 JSPF | 44 holes |
| 04-24-07 | 4328-4336' | 4 JSPF | 32 holes |

NEWFIELD



Federal 8-8-9-16

2102' FNL & 536' FEL

SE/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33057; Lease # UTU-79833

Spud Date: 2/20/200
Put on Production: P/A
GL: 5913' KB: 5923'

West Point #3-8

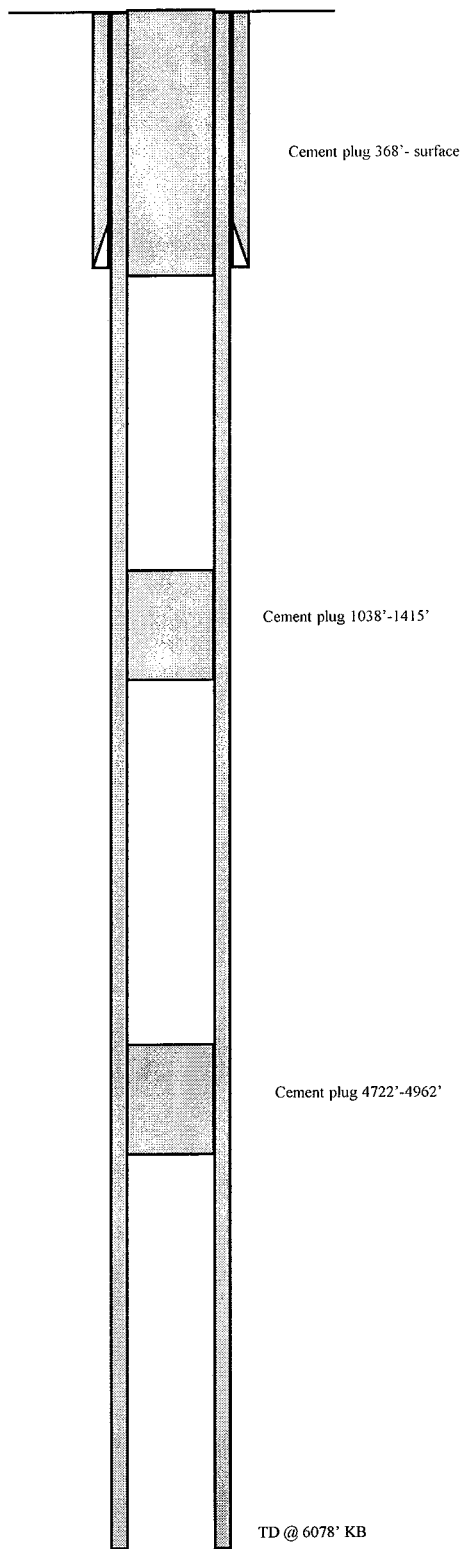
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.36')
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sks Class "G" cmt

PLUGGING PROCEDURE

Spot 93 sks Class G cement across interval 4722'-4962'
Spot 150 sks Class G cement across interval 1038'-1415'
Spot 127 sks Class G cement across interval 368'-surface
Remove casing head, install plate style dry hole marker.



West Point #3-8-9-16
711' FNL & 1957' FWL
NENW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32207; Lease #UTU-74390

BDH 4/12/01

West Point 4-8-9-16

Spud Date: 2/28/2001
 Put on Production: 3/31/2001
 GL: 5938' KB: 5948'

Initial Production: 294 BOPD,
 272 MCFD, 74 BWPD

SURFACE CASING

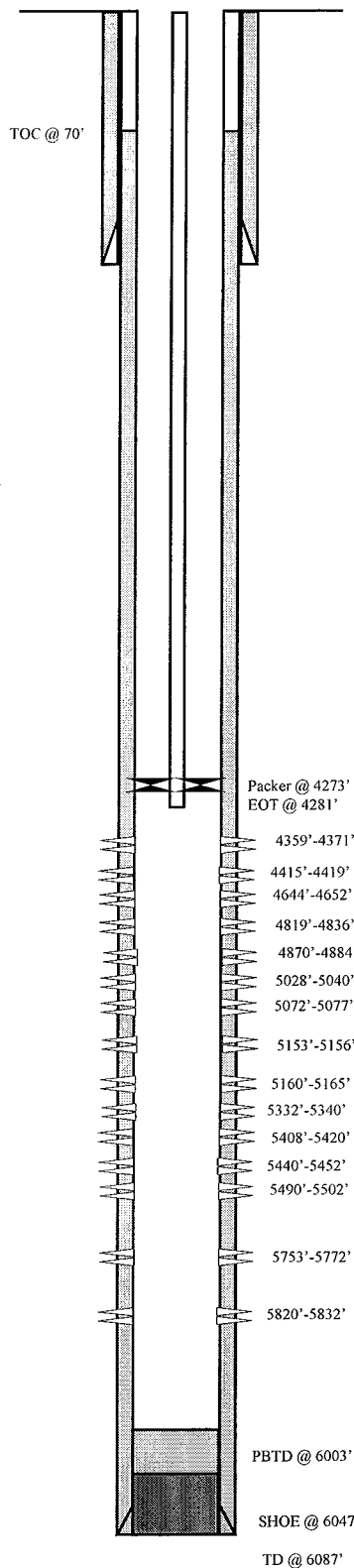
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.39')
 DEPTH LANDED: 303.39'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 145 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6051.09')
 DEPTH LANDED: 6046.69'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 132 jts. (4262.3')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4272.3' KB
 PACKER @ 4273.4'
 TOTAL STRING LENGTH: EOT @ 4281' W/ 10' KB

Injection Wellbore
DiagramFRAC JOB

3/23/01 5753'-5832' **Frac CP sands as follows:**
 134,800# 20/40 sand in 909 bbls Viking 1-25 fluid. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP: 1970 psi. Calc. flush: 5753 gal. Actual flush: 5670 gal.

3/27/01 5332'-5502' **Frac A & LODC sands as follows:**
 428,400# 20/40 sand in 2613 bbls Viking 1-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 37.4 BPM. ISIP: 2560 psi. Calc. flush: 5332 gal. Actual flush: 6498 gal.

3/28/01 4819'-4884' **Frac D sands as follows:**
 152,950# 20/40 sand in 990 bbls Viking 1-25 fluid. Treated @ avg press of 1850 psi w/ avg rate of 29.5 BPM. ISIP: 2080 psi. Calc. flush: 4819 gal. Actual flush: 4746 gal.

5/13/03 5028'-5165' **Frac C and B2 sands as follows:**
 74,863# 20/40 sand in 583 bbls Viking 1-25 fluid. Treated @ avg press of 3490 psi w/ avg rate of 17.7 BPM. ISIP: 1750 psi. Calc. flush: 1313 gal. Actual flush: 1218 gal.

5/14/03 4359'-4652' **Frac GB and PB sands as follows:**
 75,090# 20/40 sand in 549 bbls Viking 1-25 fluid. Treated @ avg press of 1795 psi w/ avg rate of 25 BPM. ISIP: 2075 psi. Calc. flush: 4357 gal. Actual flush: 4284 gal.

10/12/05 **Parted Rods.**

10/13/05 **Parted Rods.** Detail tubing and rod updated.

2-17-06 **Tubing Leak.** Updated rod and tubing detail.

12-6-07 **Pump Change.** Updated rod & tubing details.

02/16/12 **Convert to Injection Well**

02/21/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 3/23/01 | 5820'-5832' | 4 JSPF | 48 holes |
| 3/23/01 | 5753'-5772' | 4 JSPF | 76 holes |
| 3/27/01 | 5490'-5502' | 4 JSPF | 48 holes |
| 3/27/01 | 5440'-5452' | 4 JSPF | 48 holes |
| 3/27/01 | 5408'-5420' | 4 JSPF | 48 holes |
| 3/27/01 | 5332'-5340' | 4 JSPF | 32 holes |
| 3/28/01 | 4870'-4884' | 4 JSPF | 56 holes |
| 3/28/01 | 4819'-4836' | 4 JSPF | 68 holes |
| 5/13/03 | 5160'-5165' | 4 JSPF | 20 holes |
| 5/13/03 | 5153'-5156' | 4 JSPF | 12 holes |
| 5/13/03 | 5072'-5077' | 4 JSPF | 20 holes |
| 5/13/03 | 5028'-5040' | 4 JSPF | 48 holes |
| 5/13/03 | 4644'-4652' | 4 JSPF | 32 holes |
| 5/13/03 | 4415'-4419' | 4 JSPF | 16 holes |
| 5/13/03 | 4359'-4371' | 4 JSPF | 48 holes |



West Point 4-8-9-16
 972' FNL & 798' FWL
 NWNW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32208; Lease #UTU-74390

West Point #5-8-9-16

Spud Date: 3/08/01
Put on Production: 5/12/01
GL: 5929' KB: 5939'

Initial Production: 410 BOPD,
323 MCFD, 194 BWPD

SURFACE CASING

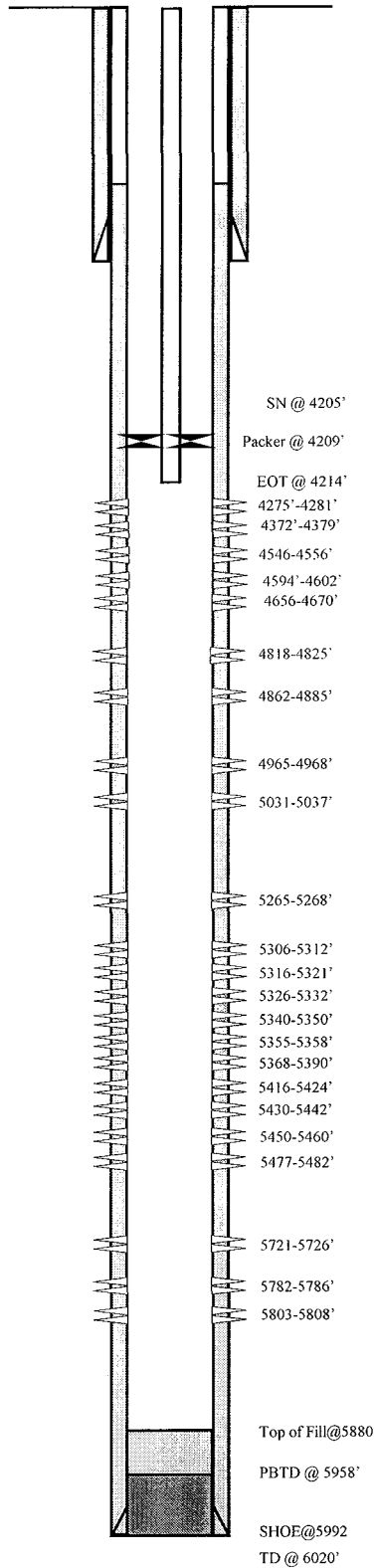
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.59")
DEPTH LANDED: 306.59'
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5997')
DEPTH LANDED: 5992'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 130 jts. (4194.96')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4204.96'
TOTAL STRING LENGTH: EOT @ 4213.51' w/10' KB

Injection Wellbore
DiagramFRAC JOB

| | | |
|----------|-------------|--|
| 5/3/01 | 5721'-5808' | Frac CP sands as follows: 53,348# 20/40 sand in 448 bbls Viking 1-25 Fluid. Treated @ avg press of 1700 psi w/ avg rate of 27 BPM. ISIP 1820 Flow back on 12/64 choke for 3 hrs & died. |
| 5/4/01 | 5265'-5482' | Frac A/LODC sands as follows: 541,852# 20/40 sand in 3809 bbls Viking 1-25 fluid. Treated @ avg. press. of 1800 psi avg. w/ avg. rate of 26.1 BPM. ISIP 2670 psi. Flow frac back for 13.5 hrs. then died |
| 5/7/01 | 4965'-5037' | Frac B&C sands as follows: 51,400# 20/40 sand in 397 bbls Viking 1-25 fluid. Treated @ avg pressure of 1800 psi and rate of 26.1 BPM. ISIP 2175 psi Flowback frac on 12/64" chk for 2.5 hrs & died. |
| 5/8/01 | 4818'-4885' | Frac D-2 sand as follows: 147,940# 20/40 sand in 881 bbls Viking 1-25 fluid. Treated @ avg pressure of 1600 psi and rate of 29 BPM. ISIP: 1850 psi. Flowback frac on 12/64" chk for 3 hrs and died. |
| 5/9/01 | 4656'-70' | Frac Stray sand as follows: 64,794# 20/40 sand in 469 bbls Viking 1-25 fluid. Treated @ avg pressure of 2340 psi and rate of 25 BPM. ISIP: 2235 psi. Flowback frac on 12/64" chk for 3 hrs and died. |
| 1/31/02 | | Pump change. Update rod and tubing details. |
| 3/19/03 | | Stuck Pump. Update rod and tubing details. |
| 8/26/03 | | Stuck Pump. Update rod and tubing details. |
| 08/27/05 | | Parted Rods. Update rod and tubing details. |
| 1/19/06 | | Frac PB10 & 11 sands as follows: 23,258# 20/40 sand in 237 bbls of lightning 17 fluid. Broke @ 2280 psi. Treated w/ave pressure of 3273 psi @ ave rate of 13.9 BPM. ISIP 2290 psi. Flowback on 16/64 choke @ 1 BPM. Flowed for 1 hr and 10 minutes and died. |
| 1/19/06 | | Frac GB4 & 6 sands as follows: 20,208# 20-40 sand in 202 bbls of Lightning 17 fluid. Broke @ 2740 psi. Treated w/ave pressure of 2863 psi @ ave rate of 14.6 BPM. ISIP 1880 psi. Began immediate flowback on 16/64 choke @ 1 BPM. Flowed 1 hr and died. |
| 1/23/06 | | Well converted to an Injection. |
| 2/10/06 | | MIT completed. |

PERFORATION RECORD

| | | | |
|---------|------------|--------|----------|
| 5/02/01 | 5803-08' | 4 JSPF | 20 holes |
| 5/02/01 | 5782-86' | 4 JSPF | 16 holes |
| 5/02/01 | 5721-26' | 4 JSPF | 20 holes |
| 5/03/01 | 5477-82' | 4 JSPF | 20 holes |
| 5/03/01 | 5450-60' | 4 JSPF | 40 holes |
| 5/03/01 | 5430-42' | 4 JSPF | 48 holes |
| 5/03/01 | 5416-24' | 4 JSPF | 32 holes |
| 5/03/01 | 5368-90' | 4 JSPF | 88 holes |
| 5/03/01 | 5355-58' | 4 JSPF | 12 holes |
| 5/03/01 | 5340-50' | 4 JSPF | 40 holes |
| 5/03/01 | 5326-32' | 4 JSPF | 24 holes |
| 5/03/01 | 5316-21' | 4 JSPF | 20 holes |
| 5/03/01 | 5306-12' | 4 JSPF | 24 holes |
| 5/03/01 | 5265-68' | 4 JSPF | 12 holes |
| 5/07/01 | 5031-37' | 4 JSPF | 24 holes |
| 5/07/01 | 4965-68' | 4 JSPF | 12 holes |
| 5/08/01 | 4862-85' | 4 JSPF | 92 holes |
| 5/08/01 | 4818-25' | 4 JSPF | 28 holes |
| 5/09/01 | 4656-70' | 4 JSPF | 56 holes |
| 1/19/06 | 4594-4602' | 4 JSPF | 32 holes |
| 1/19/06 | 4546-56' | 4 JSPF | 40 holes |
| 1/19/06 | 4372-79' | 4 JSPF | 28 holes |
| 1/19/06 | 4275-81' | 4 JSPF | 24 holes |



West Point #5-8-9-16
1984' FNL & 659' FWL
SWNW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32209; Lease #UTU-74390

W Point N-8-9-16

Attachment E-8

Spud Date: 3/20/2009
Put on Production: 5/8/2009
GL: 5892' KB: 5904'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (309')
DEPTH LANDED: 320.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

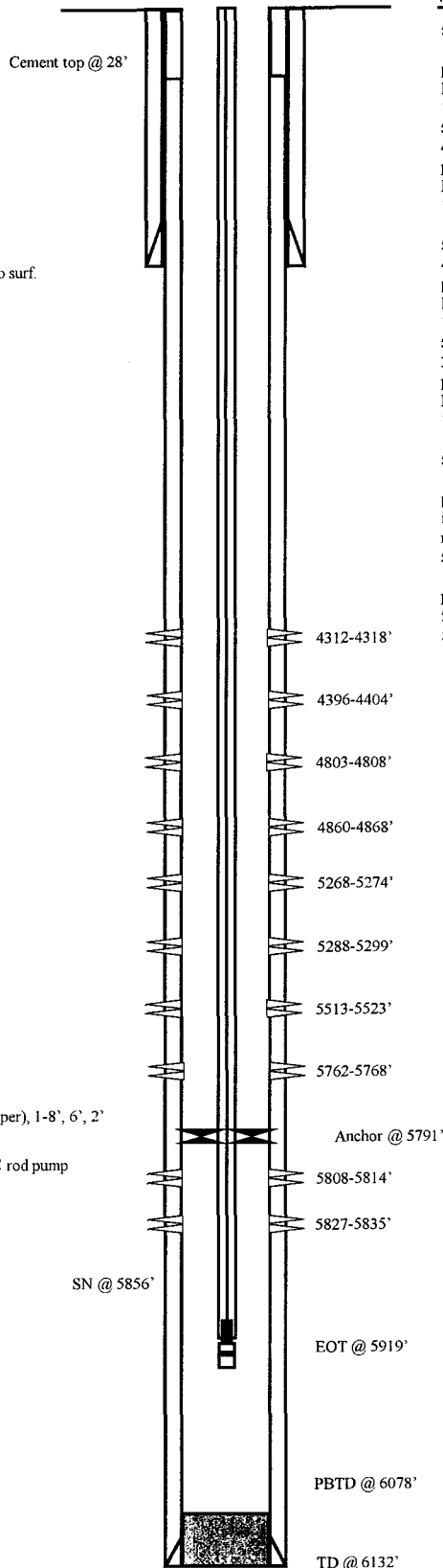
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6106.61')
DEPTH LANDED: 6119.86
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx prmlite and 400 sx 50/50 poz
CEMENT TOP AT: 28'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 184 jts (5789')
TUBING ANCHOR: 5792' KB
NO. OF JOINTS: 2 jts (63.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5856' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5919'

SUCKER RODS

POLISHED ROD: 1 1/8" x 30' polished rod
SUCKER RODS: 4-1 1/2" weight bars, 229- 7/8" guided rods (8 per), 1-8', 6', 2' x 7/8" pony subs
PUMP SIZE: RIH w/central hydraulic 2 1/2" x 1 1/4" x 24' RHAC rod pump
STROKE LENGTH: 4.5
PUMP SPEED, SPM: 168"



FRAC JOB

5/11/2009 5762-5835' Frac CP.5,1,2 as follows:
19,403# 20/40 sand in 328 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2199 psi @ ave rate of 27.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2010 psi, 5 min 1806 psi, 10 min 1672 psi, 15 min 1593 psi.

5/11/2009 5513-5523' Frac LODC sds as follows:
40,685# 20/40 sand in 422 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2414 psi @ ave rate of 27.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2685 psi, 5 min 2380 psi, 10 min 2175 psi, 15 min 2063 psi.

5/11/2009 5268-5299' Frac A1 & A3 sds as follows:
45,517# 20/40 sand in 449 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2166 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2321 psi, 5 min 2166 psi, 10 min 2092 psi, 15 min 2014 psi.

5/11/2009 4803-4868' Frac D1 & DS3 sds as follows:
35,127# 20/40 sand in 365 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2039 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2317 psi, 5 min 1939 psi, 10 min 1827 psi, 15 min 1734 psi. Leave pressure on well. 1701 BWTR.

5/11/2009 4396-4404' Frac GB6 sds as follows:
14,673# 20/40 sand in 260 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2246 psi @ ave rate of 28 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISDP 1884 psi, 5 min 1691 psi, 10 min 1645 psi, 15 min 1615 psi.

5/11/2009 4312-4318' Frac GB4 sds as follows:
17,198# 20/40 sand in 255 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2577 psi @ ave rate of 28 BPM. Screened out 7.5 bbls short of flush. Left 2470#s of sand in pipe, 14,728#s in formation. ISDP 3242 psi, 5 min 1820 psi, 10 min 1615 psi, 15 min 1596 psi.

PERFORATION RECORD

| Date | Interval | Tool | Holes |
|--------|------------|--------|----------|
| 5/4/09 | 5827-5835' | 4 JSPF | 32 holes |
| 5/4/09 | 5808-5814' | 4 JSPF | 24 holes |
| 5/4/09 | 5762-5768' | 4 JSPF | 24 holes |
| 5/4/09 | 5513-5523' | 4 JSPF | 40 holes |
| 5/4/09 | 5288-5299' | 4 JSPF | 44 holes |
| 5/4/09 | 5268-5274' | 4 JSPF | 24 holes |
| 5/4/09 | 4860-4868' | 4 JSPF | 32 holes |
| 5/4/09 | 4803-4808' | 4 JSPF | 20 holes |
| 5/4/09 | 4396-4404' | 4 JSPF | 32 holes |
| 5/4/09 | 4312-4318' | 4 JSPF | 24 holes |

NEWFIELD

West Point Federal N-8-9-16
2035'FNL & 2087' FWL (SE/NW)
Section 8, T9S, R16E
Duchesne County, Utah
API #43-013-34079; Lease # UTU-74390

West Point 6-8-9-16

Spud Date: 11/10/2001
 Put on Production: 12/18/2001
 GL: 5886' KB: 5896'

Initial Production: 160 BOPD,
 253 MCFD, 45 BWPD

SURFACE CASING

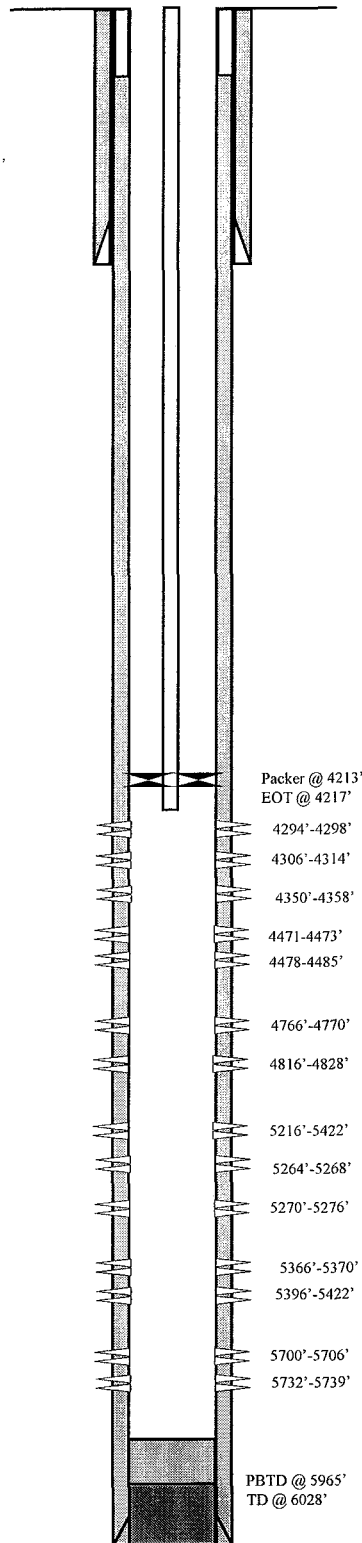
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24# Cement Top @ 95'
 LENGTH: 7 jts. (303.45')
 DEPTH LANDED: 311.45'
 HOLE SIZE: 12-1/4" Casing shoe @ 311'
 CEMENT DATA: 150 sxs Class "G" cmt, est 1 bbl cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5999.71')
 DEPTH LANDED: 5997.21'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 95' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (4199')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4209' KB
 CE @ 4213.37'
 TOTAL STRING LENGTH: EOT @ 4217'

Injection Wellbore
Diagram**FRAC JOB**

12/6/01 5700'-5739' **Frac CP sand as follows:**
 50,505# 20/40 sand in 433 bbls Viking
 I-25 fluid. Treated @ avg press of 1950
 psi w/avg rate of 25.7 BPM. ISIP 2150
 psi. Calc. flush 5700 gal: Act. flush 5628
 gal.

12/7/01 5216'-5422' **Frac LODC/A sand as follows:**
 163,131# 20/40 sand in 1100 bbls Viking
 I-25 fluid. Treated @ avg press of 2210
 psi w/avg rate of 26 BPM. ISIP 2275
 psi. Calc. flush 5216 gal: Act. flush 5145
 gal. Flowed 9.5 hr. then died.

12/10/01 4766'-4828' **Frac D sand as follows:**
 64,699# 20/40 sand in 521 bbls Viking
 I-25 fluid. Treated @ avg press of 1775
 psi w/avg rate of 25.6 BPM. ISIP 1900
 psi. Calc. flush 4766 gal: Act. flush 4897
 gal. Flowed 5.5 hr. then died.

12/11/01 4294'-4358' **Frac GB sand as follows:**
 83,741# 20/40 sand in 539 bbls Viking
 I-25 fluid. Treated @ avg press of 1850
 psi w/avg rate of 25.6 BPM. ISIP 221
 psi. Calc. flush 4294 gal: Act. flush 4200
 gal. Flowed 8 hr. then died.

02/17/11 4471'-4485' **Frac PB8 sand as follows:** 42601#
 20/40 sand in 378 bbls Lighting 17 fluid.

02/23/11 **Recompletion finalized** - updated tbg
 and rod details

05/04/11 **Convert to Injection Well**

05/19/11 **Conversion MIT Finalized** - tbg detail
 updated

PERFORATION RECORD

| Date | Depth Range | Tool Joint | Holes |
|----------|-------------|------------|-----------|
| 12/06/01 | 5732'-5739' | 4 JSPF | 28 holes |
| 12/06/01 | 5700'-5706' | 4 JSPF | 24 holes |
| 12/07/01 | 5396'-5422' | 4 JSPF | 104 holes |
| 12/07/01 | 5366'-5370' | 4 JSPF | 16 holes |
| 12/07/01 | 5270'-5276' | 4 JSPF | 24 holes |
| 12/07/01 | 5264'-5268' | 4 JSPF | 16 holes |
| 12/07/01 | 5216'-5222' | 4 JSPF | 24 holes |
| 12/10/01 | 4816'-4828' | 4 JSPF | 48 holes |
| 12/10/01 | 4766'-4770' | 4 JSPF | 16 holes |
| 12/11/01 | 4350'-4358' | 4 JSPF | 32 holes |
| 12/11/01 | 4306'-4314' | 4 JSPF | 32 holes |
| 12/11/01 | 4294'-4298' | 4 JSPF | 16 holes |
| 02/17/11 | 4478'-4485' | 3 JSPF | 21 holes |
| 02/17/11 | 4471'-4473' | 3 JSPF | 6 holes |



West Point 6-8-9-16
 2048' FNL & 2104' FWL
 SENW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32282; Lease #UTU-74390

West Point #11-8-9-16

Spud Date: 11/20/2001
Put on Production: 1/10/2002
GL: 5922' KB: 5932'

SURFACE CASING

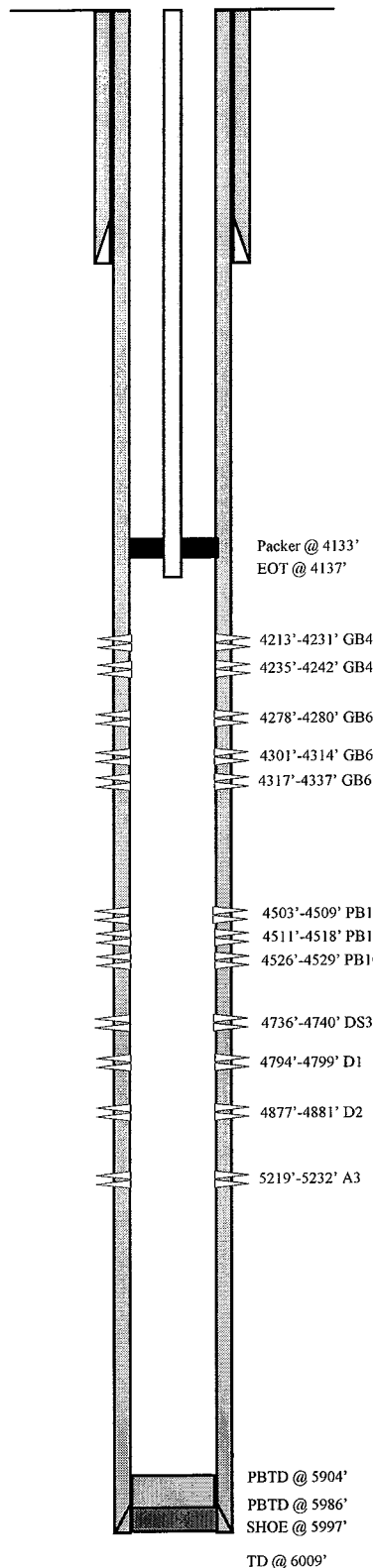
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (298.45')
DEPTH LANDED: 306.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbl cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6006.41')
DEPTH LANDED: 5996.97'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 128 jts (4118.67')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4128.67' KB
PACKER: 4132.98'
TOTAL STRING LENGTH: EOT @ 4137.08'

Injection Wellbore
Diagram**FRAC JOB**

| | | |
|---------|-------------|---|
| 1/3/02 | 5219'-5232' | Frac A-3 sand as follows: 38,000# 20/40 sand in 347 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP 2180 psi. Calc. flush: 5219 gal., Act. flush: 5166 gal. |
| 1/3/02 | 4736'-4881' | Frac D-1, D-2 sand as follows: 41,610# 20/40 sand in 385 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2020 psi. Calc. flush: 4794 gal., Act. flush: 4662 gal. |
| 1/3/02 | 4213'-4337' | Frac GB sand as follows: 193,610# 20/40 sand in 1267 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2050 psi. Calc. flush: 4213 gal., Act. flush: 4116 gal. |
| 4/25/03 | | Stuck Pump. Update rod details. |
| 4/21/04 | | Converted to injector. Ready for MIT. |
| 4/1/09 | | 5 Year MIT completed and submitted. |

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 1/2/02 | 5219'-5232' | 4 JSPF | 32 holes |
| 1/3/02 | 4877'-4881' | 4 JSPF | 16 holes |
| 1/3/02 | 4794'-4799' | 4 JSPF | 20 holes |
| 1/3/02 | 4736'-4740' | 4 JSPF | 16 holes |
| 1/3/02 | 4526'-4529' | 4 JSPF | 12 holes |
| 1/3/02 | 4511'-4518' | 4 JSPF | 28 holes |
| 1/3/02 | 4503'-4509' | 4 JSPF | 24 holes |
| 1/3/02 | 4317'-4337' | 4 JSPF | 80 holes |
| 1/3/02 | 4301'-4314' | 4 JSPF | 52 holes |
| 1/3/02 | 4278'-4280' | 4 JSPF | 08 holes |
| 1/3/02 | 4235'-4242' | 4 JSPF | 28 holes |
| 1/3/02 | 4213'-4231' | 4 JSPF | 72 holes |
| 4/20/04 | 5802'-5816' | 4 JSPF | 56 holes |
| 4/20/04 | 5660'-5664' | 4 JSPF | 16 holes |



West Point #11-8-9-16
1919' FSL & 1797' FWL
NE/SW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32285; Lease #UTU-74390

SWD Fed #B-8-9-16

Spud Date: 06/11/08
Put on Production: 10/13/08

GL: 5852' KB: 5864'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.79')
DEPTH LANDED: 324.64'
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 9 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts (6316.75')
DEPTH LANDED: 6330'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sx Premlite II and 450 sx 50/50 Poz
CEMENT TOP AT: 38'

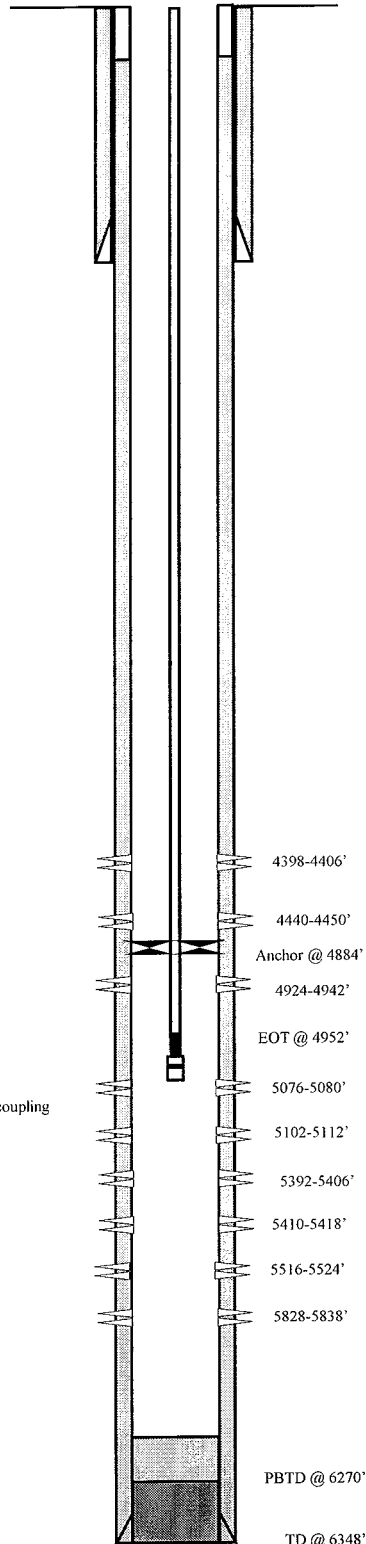
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/
NO. OF JOINTS: 157 jts (4872.21')
TUBING ANCHOR: 2.80 @ 4884.21
NO. OF JOINTS: 1 jts (30.85')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4917.86
NO. OF JOINTS: 1 (30.85)
TOTAL STRING LENGTH: EOT @ 4952'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 191-7/8" guided (8 per), 4-1 1/2" wt bars, 21k shear coupling
PUMP SIZE: 2 1/2" x 2" x 24' RHBC CDI
STROKE LENGTH: 120'
PUMP SPEED, SPM: 5

Wellbore Diagram

**FRAC JOB**

7/15/08 5828-5838' **Frac CP.5 sds as follows:**
24,700# 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2765 psi @ ave rate of 23 BPM. ISIP 2282 psi. Actual flush: 5326 gals.

7/15/08 5516-5524' **Frac LODC sds as follows:**
25,258# 20/40 sand in 358 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.1 BPM. ISIP 1740 psi. Actual flush: 5011 gals.

7/15/08 5392-5406' **Frac A1 sds as follows:**
100,294# 20/40 sand in 743 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi @ ave rate of 23 BPM. ISIP 1740 psi. Actual flush: 4889 gals.

7/16/08 5076-5080' **Frac C sds as follows:**
59,951# 20/40 sand in 506 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23 BPM. ISIP 2180 psi. Actual flush: 4570 gals.

7/16/08 4924-4942' **Frac D1 sds as follows:**
128,411# 20/40 sand in 906 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2326 psi @ ave rate of 25.6 BPM. ISIP 2411 psi. Actual flush: 4418 gals.

7/16/08 4398-4406' **Frac GB4 & GB6 sds as follows:**
99,112# 20/40 sand in 716 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2003 psi @ ave rate of 25.7 BPM. ISIP 2008 psi. Actual flush: 4326 gals.

PERFORATION RECORD

| | | |
|------------|--------|----------|
| 4398-4406' | 4 JSPF | 32 holes |
| 4440-4450' | 4 JSPF | 40 holes |
| 4924-4942' | 4 JSPF | 72 holes |
| 5076-5080' | 4 JSPF | 16 holes |
| 5102-5112' | 4 JSPF | 40 holes |
| 5392-5406' | 4 JSPF | 56 holes |
| 5410-5418' | 4 JSPF | 32 holes |
| 5516-5524' | 4 JSPF | 32 holes |
| 5828-5838' | 4 JSPF | 40 holes |



SWD Fed #B-8-9-16
527' FNL & 2066' FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-33764; Lease #UTU-020255

South Wells Draw #15-5-9-16

Spud Date: 6/25/02
Put on Production: 8/23/02

GL: 5877' KB: 5887'

SURFACE CASING

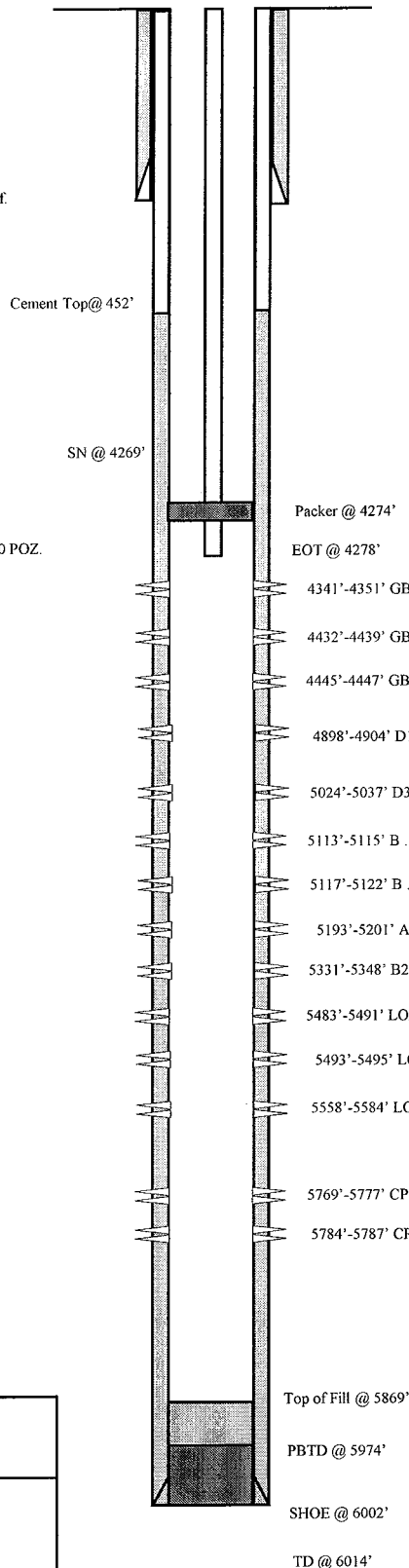
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (299.87')
DEPTH LANDED: 307.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (6004.30')
DEPTH LANDED: 6001.90' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 452' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 111 jts (4258.94')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4268.94' KB
PACKER AT: 4274'
TOTAL STRING LENGTH: EOT @ 4277.84' KB

Injection Wellbore Diagram

Initial Production: 109 BOPD,
188 MCFD, 28 BWPD

FRAC JOB

8/20/02 5483'-5787' **Frac LODC, CP1 sands as follows:**
150,000# 20/40 sand in 627 bbls Viking 1-25 fluid. Treated @ avg press of 1800 psi w/avg rate of 27 BPM. ISIP 2080 psi. Calc flush: 5483 gal. Actual flush: 5418 gal.

8/20/02 5193'-5348' **Frac A1,B2 sands as follows:**
75,000# 20/40 sand in 319 bbls Viking 1-25 fluid. Treated @ avg press of 1810 psi w/avg rate of 26.6 BPM. ISIP 2040 psi. Calc flush: 5193 gal. Actual flush: 5166 gal.

8/20/02 4898'-5122' **Frac D1, B3, B0.5 sands as follows:**
75,000# 20/40 sand in 325 bbls Viking 1-25 fluid. Treated @ avg press of 1740 psi w/avg rate of 26.9 BPM. ISIP 1970 psi. Calc flush: 4898 gal. Actual flush: 4830 gal.

8/20/02 4341'-4447' **Frac GB4, GB6 sands as follows:**
48,380# 20/40 sand in 215 bbls Viking 1-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 26.4 BPM. ISIP 2065 psi. Calc flush: 4341 gal. Actual flush: 4284 gal.

5/13/04 **Pump change. Update rod details.**

7/2/04 **Injection Conversion**

6/7/06 **Well Recompleted**

7/1/06 **MIT completed and submitted.**

PERFORATION RECORD

| Date | Interval | Tool | Holes |
|---------|-------------|--------|-----------|
| 8/19/02 | 5784'-5787' | 4 JSPF | 12 holes |
| 8/19/02 | 5769'-5777' | 4 JSPF | 30 holes |
| 8/19/02 | 5558'-5584' | 4 JSPF | 104 holes |
| 8/19/02 | 5493'-5495' | 4 JSPF | 08 holes |
| 8/19/02 | 5483'-5491' | 4 JSPF | 32 holes |
| 8/20/02 | 5331'-5348' | 4 JSPF | 68 holes |
| 8/20/02 | 5193'-5201' | 4 JSPF | 32 holes |
| 8/20/02 | 5117'-5122' | 4 JSPF | 20 holes |
| 8/20/02 | 5113'-5115' | 4 JSPF | 08 holes |
| 8/20/02 | 5024'-5037' | 4 JSPF | 68 holes |
| 8/20/02 | 4898'-4904' | 4 JSPF | 24 holes |
| 8/20/02 | 4445'-4447' | 4 JSPF | 08 holes |
| 8/20/02 | 4432'-4439' | 4 JSPF | 28 holes |
| 8/20/02 | 4341'-4351' | 4 JSPF | 40 holes |



South Wells Draw #15-5-9-16
568' FSL & 1975' FEL
SWSE Section 5-T9S-R16E
Duchesne Co, Utah
API #43-013-32329; Lease #UTU-73068

Monument Federal 31-8-9-16

Spud Date: 1/15/97
Put on Production: 2/14/97
GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD
23 BWPD

SURFACE CASING

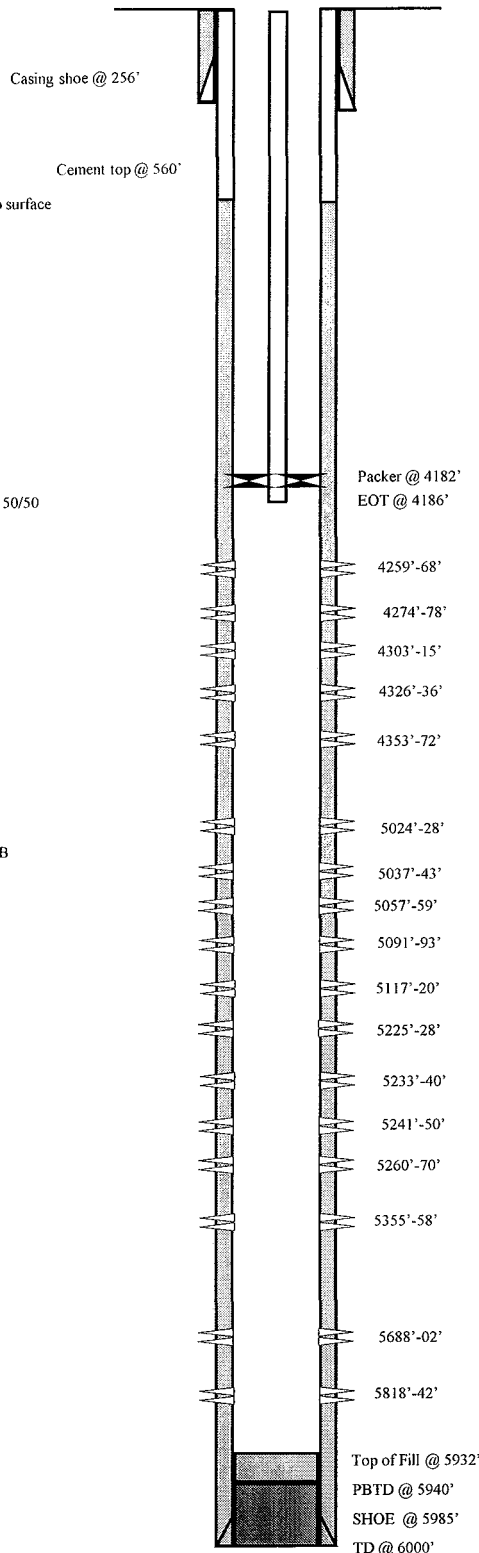
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 JTS
DEPTH LANDED: 256.20'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class "G" cmt, est 5 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts (5974.92')
DEPTH LANDED: 5984.92'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Premium & 390 sxs Poz 50/50
CEMENT TOP AT: 560'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 134 jts (4167.5')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4177.5' KB
CE @ 4181.88'
TOTAL STRING LENGTH: EOT @ 4186' w / 10' KB

Injector Wellbore
DiagramFRAC JOB

1-28-97 5225'-5358' **Frac sand as follows:**
29,840# 20/40 sand + 69,160# 16/30 sand
in 642 bbls 2% KCL. ATP-2350 psi w/avg
rate of 33.0 BPM. ISIP-4570 psi. Calc flush:
5225 gal. Actual flush: 5208 gal.

1-31-97 4259'-4372' **Frac sand as follows:**
162,000# 16/30 sand in 1076 bbl 2% KCL.
ATP-2150 psi w/avg rate of 41.9 BPM.
ISIP-2450 psi. Calc flush: 5225 gal. Actual
flush: 5208 gal.

5/08/99 **Stuck pump.** Update rod details.

5/22/03 5688'-5842' **Frac CP.5 and #3 sands as follows:**
102,000# 20/40 sand in 507 bbls Viking I-
25 fluid. Treated @ avg press of 3120 psi
w/avg rate of 15.7 BPM. ISIP 1790 psi.
Calc flush: 1476 gal. Actual flush: 1344 gal.

5/22/03 5024'-5120' **Frac B and B2 sands as follows:**
58,600# 20/40 sand in 307 bbls Viking I-25
fluid. Treated @ avg press of 3027 psi
w/avg rate of 15.4 BPM. ISIP 1830 psi.
Calc flush: 1322 gal. Actual flush: 1176 gal.

8/30/03 **Tubing Leak.** Update tbg and rod detail.

05/27/08 **Parted Rods -** updated tubing and rod detail

04/13/10 **Tubing Leak.** Update tbg and rod detail.

10/05/10 **Convert to Injection well**

10/07/10 **MIT completed -** tbg detail updated

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 1-27-97 | 5225'-5228' | 1 JSPF | 3 holes |
| 1-27-97 | 5233'-5240' | 1 JSPF | 7 holes |
| 1-27-97 | 5241'-5250' | 1 JSPF | 9 holes |
| 1-27-97 | 5260'-5270' | 1 JSPF | 10 holes |
| 1-27-97 | 5355'-5358' | 4 JSPF | 12 holes |
| 1-30-97 | 4259'-4268' | 2 JSPF | 18 holes |
| 1-30-97 | 4274'-4278' | 2 JSPF | 8 holes |
| 1-30-97 | 4303'-4315' | 4 JSPF | 48 holes |
| 1-30-97 | 4326'-4336' | 4 JSPF | 40 holes |
| 1-30-97 | 4353'-4372' | 4 JSPF | 76 holes |
| 5/21/03 | 5818'-5842' | 4 JSPF | 96 holes |
| 5/21/03 | 5688'-5702' | 4 JSPF | 56 holes |
| 5/21/03 | 5117'-5120' | 4 JSPF | 12 holes |
| 5/21/03 | 5091'-5093' | 4 JSPF | 8 holes |
| 5/21/03 | 5057'-5059' | 4 JSPF | 8 holes |
| 5/21/03 | 5037'-5043' | 4 JSPF | 24 holes |
| 5/21/03 | 5024'-5028' | 4 JSPF | 16 holes |



Monument Federal 31-8-9-16
520 FNL & 2076 FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-31721; Lease #UTU-020255

Spud Date: 3/17/96
 Put on Production: 4/19/96
 Put on Injection: 3/10/02
 GL: 5811' KB: 5828'

Monument Federal #41-8-9-16

Initial Production: 100 BOPD, 0 MCFD
 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

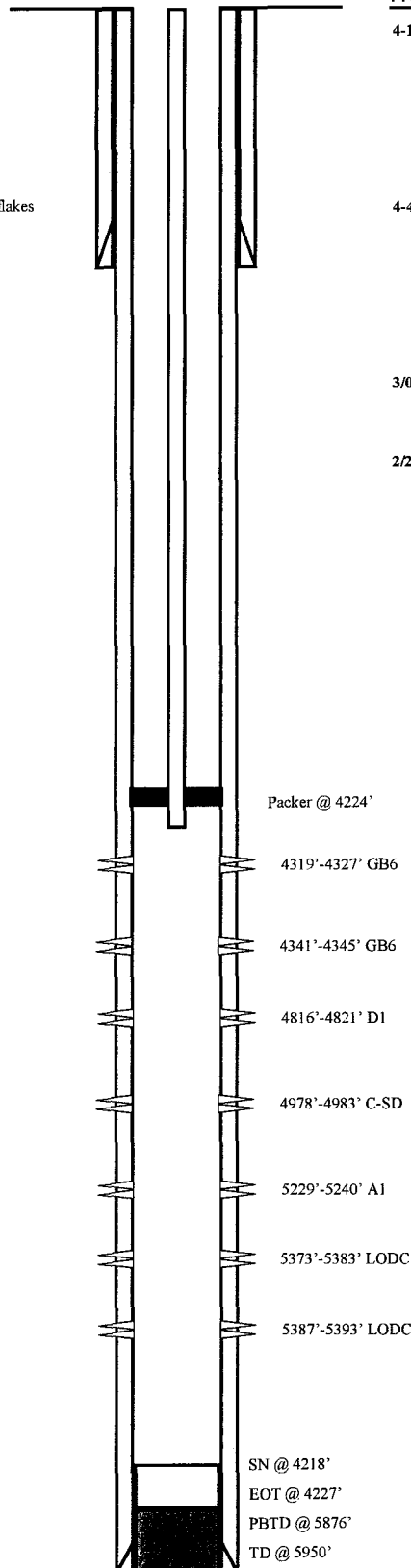
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5856.58')
 DEPTH LANDED: 5919'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50
 SET AT: 5919.18' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 131 jts. (4201.84')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4218.84'
 PACKER: 4224.14'
 TOTAL STRING LENGTH: EOT @ 4227.25'

Injection Wellbore Diagram



FRAC JOB

4-1-96 5229'-5240' **Frac sand as follows:**
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61,655# sand on formation.

4-4-96 4816'-4983' **Frac sand as follows:**
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

3/08/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 3/27/96 | 5229'-5240' | 4 JSPF | 44 holes |
| 4/03/96 | 4978'-4983' | | 7 holes |
| 4/03/96 | 4816'-4821' | | 7 holes |
| 3/04/02 | 5387'-5393' | 4 JSPF | 24 holes |
| 3/04/02 | 5373'-5383' | 4 JSPF | 40 holes |
| 3/04/02 | 4341'-4345' | 4 JSPF | 16 holes |
| 3/04/02 | 4319'-4327' | 4 JSPF | 32 holes |



Monument Federal #41-8-9-16
 806 FNL & 605 FEL
 NENE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31619; Lease #U-020255

GMBU C-8-9-16

Spud Date: 11/07/2011

PWOP: 12/21/2011

GL: 5843' KB: 5856'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (317.85')

DEPTH LANDED: 333.17' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (6441.65') Includes Flag Joint (10.97') & Landing Joint (15.8')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6444.46' KB

CEMENT DATA: 250 sxs Prem. Lite II mixed & 435 sxs 50/50 POZ.

CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 198 jts. (6155.7')

TUBING ANCHOR: 6167.7' KB

NO. OF JOINTS: 1 jt. (31.2')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6201.7' KB

NO. OF JOINTS: 2 jts. (62.6')

NOTCHED COLLAR: 6265.3' KB

TOTAL STRING LENGTH: EOT @ 6266'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 6' Pony Rod, 72 - 7/8" 4per Guided Rods (1800'), 162 - 3/4" 4per Guided Rods (4050'), 12 - 7/8" 8per Guided Rods (300')

PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC

STROKE LENGTH: 144"

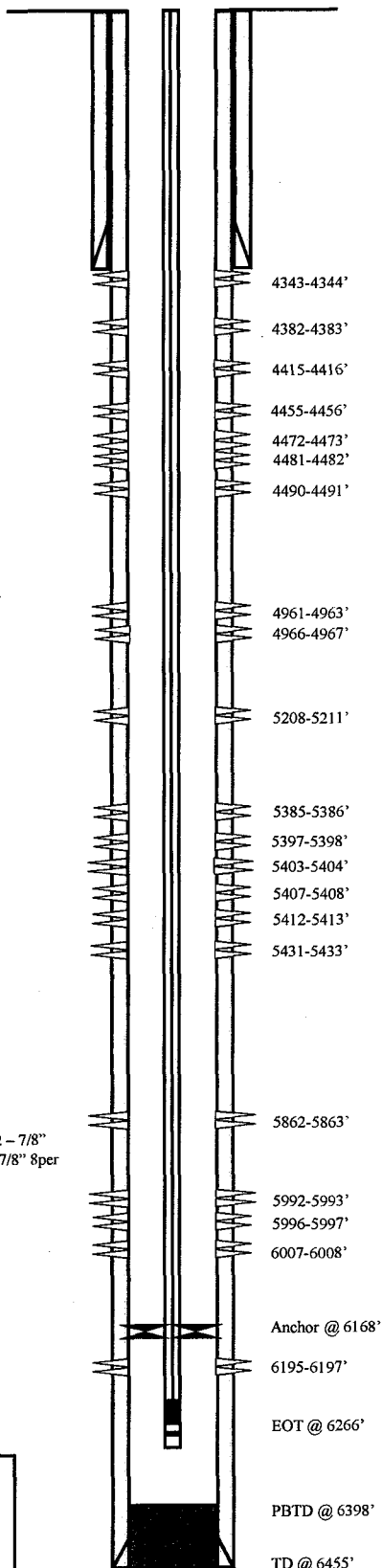
PUMP SPEED: 5 SPM

FRAC JOB

| | | |
|------------|------------|--|
| 12/09/2011 | 5862-6197' | Frac CP.5, CP1 & CP3, sands as follows: Frac with 54214# 20/40 white sand in 673 bbls lightning 17 fluid; 859 bbls total fluid to recover. |
| 12/15/2011 | 5385-5433' | Frac A.5, A1 & A3, sands as follows: Frac with 59128# 20/40 white sand in 472 bbls lightning 17 fluid; 618 bbls total fluid to recover. |
| 12/15/2011 | 4961-5211' | Frac B1 & D1, sands as follows: Frac with 49847# 20/40 white sand in 398 bbls lightning 17 fluid; 537 bbls total fluid to recover. |
| 12/15/2011 | 4343-4491' | Frac GB2, GB4 & GB6, sands as follows: Frac with 114640# 20/40 white sand in 859 bbls lightning 17 fluid; 977 bbls total fluid to recover. |

PERFORATION RECORD

| | | |
|------------|--------|---------|
| 6195-6197' | 3 JSPF | 6 holes |
| 6007-6008' | 3 JSPF | 3 holes |
| 5996-5997' | 3 JSPF | 3 holes |
| 5992-5993' | 3 JSPF | 3 holes |
| 5862-5863' | 3 JSPF | 3 holes |
| 5431-5433' | 3 JSPF | 6 holes |
| 5412-5413' | 3 JSPF | 3 holes |
| 5407-5408' | 3 JSPF | 3 holes |
| 5403-5404' | 3 JSPF | 3 holes |
| 5397-5398' | 3 JSPF | 3 holes |
| 5385-5386' | 3 JSPF | 3 holes |
| 5208-5211' | 3 JSPF | 9 holes |
| 4966-4967' | 3 JSPF | 3 holes |
| 4961-4963' | 3 JSPF | 6 holes |
| 4490-4491' | 3 JSPF | 3 holes |
| 4481-4482' | 3 JSPF | 3 holes |
| 4472-4473' | 3 JSPF | 3 holes |
| 4455-4456' | 3 JSPF | 3 holes |
| 4415-4416' | 3 JSPF | 3 holes |
| 4382-4383' | 3 JSPF | 3 holes |
| 4343-4344' | 3 JSPF | 3 holes |



NEWFIELD



GMBU C-8-9-16

674' FSL & 1983' FWL (SE/SW)

Section 5, T9S, R16E

Duchesne County, Utah

API #43-013-50704; Lease # UTU-73087

GMBU G-8-9-16

Spud Date: 12/05/2011
PWOP: 01/31/2012
GL: 5940' KB: 5953'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (330.2')
DEPTH LANDED: 343.52' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 157 jts. (6433.6') Includes Shoe Jt. (40.63')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6453.21' KB
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189 jts. (5826.7')
TUBING ANCHOR: 5839.7' KB
NO. OF JOINTS: 1 jt. (31.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5873.8' KB
NO. OF JOINTS: 2 jts. (62.5')
NOTCHED COLLAR: 5937.4' KB
TOTAL STRING LENGTH: EOT @ 5938'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod
SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 74 - 7/8" 4per Guided Rods (1850'), 153 - 3/4" 4per Guided Rods (3825'), 5 - 1 1/4" Sinker Bars (125'), 1 - 1" Stabilizer Bar (4')
PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC
STROKE LENGTH: 144"
PUMP SPEED: 5 SPM

FRAC JOB

01/20/2012 5658-5862' **Frac CP-Half & LODC, sands as follows:**
Frac with 59512# 20/40 white sand in 475 bbls lightning 17 fluid; 657 bbls total fluid to recover.

01/25/2012 5360-5385' **Frac A1, sands as follows:**
Frac with 35421# 20/40 white sand in 302 bbls lightning 17 fluid; 439 bbls total fluid to recover.

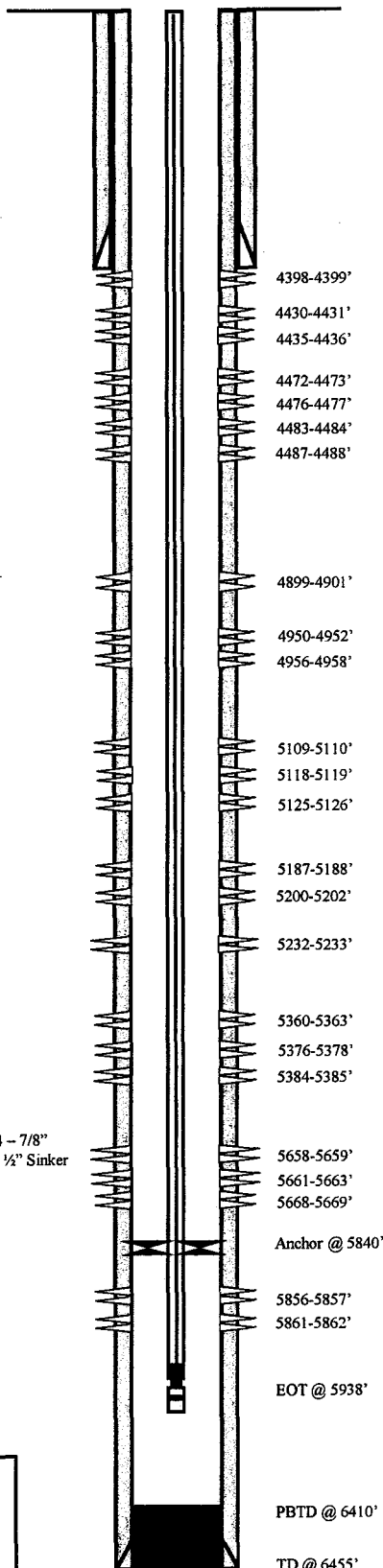
01/25/2012 5109-5233' **Frac B.5, B1 & C, sands as follows:**
Frac with 74948# 20/40 white sand in 589 bbls lightning 17 fluid; 711 bbls total fluid to recover.

01/25/2012 4899-4958' **Frac D1 & DS3, sands as follows:**
Frac with 39795# 20/40 white sand in 346 bbls lightning 17 fluid; 462 bbls total fluid to recover.

01/25/2012 4398-4488' **Frac GB2, GB4 & GB6, sands as follows:**
Frac with 82976# 20/40 white sand in 551 bbls lightning 17 fluid; 656 bbls total fluid to recover.

PERFORATION RECORD

| | | |
|------------|--------|---------|
| 5861-5862' | 3 JSFP | 3 holes |
| 5856-5857' | 3 JSFP | 3 holes |
| 5668-5669' | 3 JSFP | 3 holes |
| 5661-5663' | 3 JSFP | 6 holes |
| 5658-5659' | 3 JSFP | 3 holes |
| 5384-5385' | 3 JSFP | 3 holes |
| 5376-5378' | 3 JSFP | 6 holes |
| 5360-5363' | 3 JSFP | 9 holes |
| 5232-5233' | 3 JSFP | 3 holes |
| 5200-5202' | 3 JSFP | 6 holes |
| 5187-5188' | 3 JSFP | 3 holes |
| 5125-5126' | 3 JSFP | 3 holes |
| 5118-5119' | 3 JSFP | 3 holes |
| 5109-5110' | 3 JSFP | 3 holes |
| 4956-4958' | 3 JSFP | 6 holes |
| 4950-4952' | 3 JSFP | 6 holes |
| 4899-4901' | 3 JSFP | 6 holes |
| 4487-4488' | 3 JSFP | 3 holes |
| 4483-4484' | 3 JSFP | 3 holes |
| 4476-4477' | 3 JSFP | 3 holes |
| 4472-4473' | 3 JSFP | 3 holes |
| 4435-4436' | 3 JSFP | 3 holes |
| 4430-4431' | 3 JSFP | 3 holes |
| 4398-4399' | 3 JSFP | 3 holes |



NEWFIELD



GMBU G-8-9-16

986' FNL & 792' FWL (NW/NW)

Section 8, T9S, R16E

Duchesne County, Utah

API #43-013-50703; Lease # UTU-74390

GMBU D-8-9-16

Spud Date: 12/13/2011

PWOP: 02/16/2012

GL: 5781' KB: 5791'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (329.25')

DEPTH LANDED: 342.57' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 151 jts. (6539.90') Includes Shoe jt. (44.53')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6555.51' KB

CEMENT DATA: 250 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

CEMENT TOP AT: 36'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 200 jts. (6254.2')

TUBING ANCHOR: 6264.2' KB

NO. OF JOINTS: 1 jt. (31.5')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6298.5' KB

NO. OF JOINTS: 1 jts. (28.9')

NOTCHED COLLAR: 6328.5' KB

TOTAL STRING LENGTH: EOT @ 6329'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 6' Pony Rod, 1 - 7/8" x 8' Pony Rod, 81 - 7/8" 8per Guided Rods (2025'), 52 - 3/4" 8per Guided Rods (1300'), 110 - 3/4" 4per Guided Rods (2750'), 5 - 1 1/2" Sinker Bar (125'), 1 - 1" Stabilizer Bar (4')

PUMP SIZE: 2 1/4" x 1 1/4" x 20' x 24' RHAC

STROKE LENGTH: 144"

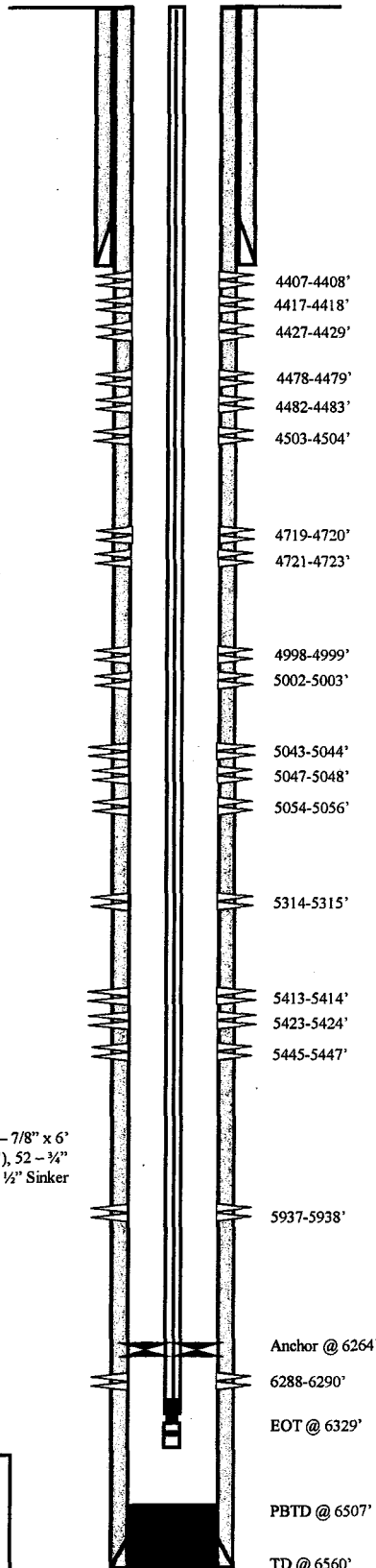
PUMP SPEED: 5 SPM

FRAC JOB

| | | |
|------------|------------|---|
| 02/01/2012 | 5937-6290' | Frac CP5 & CP.5, sands as follows: Frac with 19754# 20/40 white sand in 248 bbls lightning 17 fluid; 454 bbls total fluid to recover. |
| 02/07/2012 | 5314-5447' | Frac A.5 & B2, sands as follows: Frac with 39947# 20/40 white sand in 322 bbls lightning 17 fluid; 449 bbls total fluid to recover. |
| 02/07/2012 | 4998-5056' | Frac D1 & D2, sands as follows: Frac with 40188# 20/40 white sand in 327 bbls lightning 17 fluid; 446 bbls total fluid to recover. |
| 02/07/2012 | 4478-4723' | Frac GB6 & PB10, sands as follows: Frac with 32023# 20/40 white sand in 270 bbls lightning 17 fluid; 376 bbls total fluid to recover. |
| 02/07/2012 | 4407-4429' | Frac GB4, sands as follows: Frac with 67193# 20/40 white sand in 508 bbls lightning 17 fluid; 663 bbls total fluid to recover. |

PERFORATION RECORD

| | | |
|------------|--------|---------|
| 6288-6290' | 3 JSFP | 6 holes |
| 5937-5938' | 3 JSFP | 3 holes |
| 5445-5447' | 3 JSFP | 6 holes |
| 5423-5424' | 3 JSFP | 3 holes |
| 5413-5414' | 3 JSFP | 3 holes |
| 5314-5315' | 3 JSFP | 3 holes |
| 5054-5056' | 3 JSFP | 6 holes |
| 5047-5048' | 3 JSFP | 3 holes |
| 5043-5044' | 3 JSFP | 3 holes |
| 5002-5003' | 3 JSFP | 3 holes |
| 4998-4999' | 3 JSFP | 3 holes |
| 4721-4723' | 3 JSFP | 6 holes |
| 4719-4720' | 3 JSFP | 3 holes |
| 4503-4504' | 3 JSFP | 3 holes |
| 4482-4483' | 3 JSFP | 3 holes |
| 4478-4479' | 3 JSFP | 3 holes |
| 4427-4429' | 3 JSFP | 6 holes |
| 4417-4418' | 3 JSFP | 3 holes |
| 4407-4408' | 3 JSFP | 3 holes |



NEWFIELD



GMBU D-8-9-16

854' FSL & 74' FWL (SW/SW)

Section 5, T9S, R16E

Duchesne County, Utah

API #43-013-50721; Lease # UTU-73087

Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Sales Rep: Darren Betts

Well Name: SWDIF

Lab Tech: Gary Peterson

Sample Point: After production filter

Sample Date: 12/9/2011

Sample ID: WA-204150

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|----------------------------|-----------|---|---------|-------------------------------|----------|
| | | Cations | mg/L | Anions | mg/L |
| Test Date: | 12/9/2011 | Sodium (Na): | 6799.09 | Chloride (Cl): | 10000.00 |
| System Temperature 1 (°F): | 300.00 | Potassium (K): | 26.10 | Sulfate (SO4): | 2.00 |
| System Pressure 1 (psig): | 3000.00 | Magnesium (Mg): | 9.40 | Bicarbonate (HCO3): | 1024.80 |
| System Temperature 2 (°F): | 70.00 | Calcium (Ca): | 26.80 | Carbonate (CO3): | 0.00 |
| System Pressure 2 (psig): | 14.70 | Strontium (Sr): | 0.00 | Acetic Acid (CH3COO) | 0.00 |
| Calculated Density (g/ml): | 1.01 | Barium (Ba): | 24.20 | Propionic Acid (C2H5COO) | 0.00 |
| pH: | 8.20 | Iron (Fe): | 0.47 | Butanoic Acid (C3H7COO) | 0.00 |
| Calculated TDS (mg/L): | 17913.62 | Zinc (Zn): | 0.00 | Isobutyric Acid ((CH3)2CHCOO) | 0.00 |
| CO2 in Gas (%): | 0.00 | Lead (Pb): | 0.70 | Fluoride (F): | 0.00 |
| Dissolved CO2 (mg/L): | 0.00 | Ammonia NH3: | 0.00 | Bromine (Br): | 0.00 |
| H2S in Gas (%): | 0.00 | Manganese (Mn): | 0.06 | Silica (SiO2): | 0.00 |
| H2S in Water (mg/L): | 10.00 | | | | |

Notes:

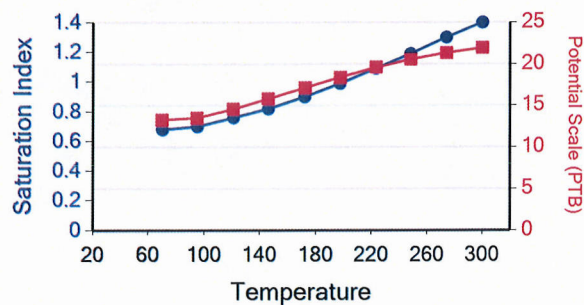
(PTB = Pounds per Thousand Barrels)

| Temp (°F) | PSI | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO4·2H2O | | Celestite SrSO4 | | Halite NaCl | | Zinc Sulfide | |
|--------------|------|-------------------|-------|----------------|------|--------------|------|----------------|------|-------------------|------|-----------------|------|-------------|------|--------------|------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 70 | 14 | 0.68 | 13.26 | 0.21 | 0.60 | 2.60 | 0.26 | 0.67 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95 | 346 | 0.70 | 13.48 | 0.00 | 0.00 | 2.38 | 0.26 | 0.78 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 121 | 678 | 0.76 | 14.55 | 0.00 | 0.00 | 2.24 | 0.26 | 0.91 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 146 | 1009 | 0.82 | 15.79 | 0.00 | 0.00 | 2.16 | 0.26 | 1.02 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 172 | 1341 | 0.90 | 17.10 | 0.00 | 0.00 | 2.12 | 0.26 | 1.13 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 197 | 1673 | 0.99 | 18.39 | 0.00 | 0.00 | 2.12 | 0.26 | 1.22 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 223 | 2004 | 1.09 | 19.55 | 0.00 | 0.00 | 2.15 | 0.26 | 1.31 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248 | 2336 | 1.19 | 20.54 | 0.00 | 0.00 | 2.21 | 0.26 | 1.37 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 274 | 2668 | 1.30 | 21.32 | 0.00 | 0.00 | 2.28 | 0.26 | 1.42 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300 | 3000 | 1.40 | 21.90 | 0.00 | 0.00 | 2.36 | 0.26 | 1.46 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

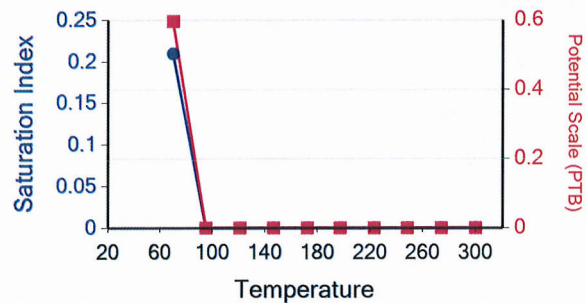
| Temp (°F) | PSI | Hemihydrate CaSO4·0.5H2O | | Anhydrate CaSO4 | | Calcium Fluoride | | Zinc Carbonate | | Lead Sulfide | | Mg Silicate | | Ca Mg Silicate | | Fe Silicate | |
|--------------|------|--------------------------|------|-----------------|------|------------------|------|----------------|------|--------------|------|-------------|------|----------------|------|-------------|------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 70 | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.45 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95 | 346 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.59 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 121 | 678 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.89 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 146 | 1009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.28 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 172 | 1341 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.76 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 197 | 1673 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.32 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 223 | 2004 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.93 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248 | 2336 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.60 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 274 | 2668 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.30 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300 | 3000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.03 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

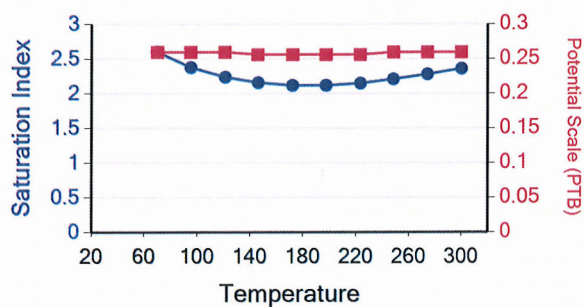
Calcium Carbonate



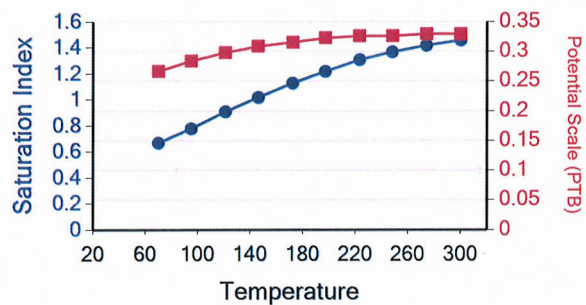
Barium Sulfate



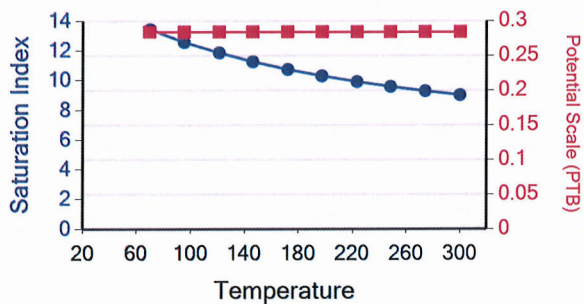
Iron Sulfide



Iron Carbonate



Lead Sulfide



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Michael McBride**Well Name: **FEDERAL 7-8-9-16**Lab Tech: **Gary Peterson**Sample Point: **Treater**Sample Date: **5/20/2012**Sample ID: **WA-214847**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

| Sample Specifics | | Analysis @ Properties in Sample Specifics | | | |
|-----------------------------------|-----------|---|---------|---|---------|
| Test Date: | 5/29/2012 | Cations | mg/L | Anions | mg/L |
| System Temperature 1 (°F): | 120.00 | Sodium (Na): | 4029.51 | Chloride (Cl): | 5500.00 |
| System Pressure 1 (psig): | 60.0000 | Potassium (K): | 24.00 | Sulfate (SO ₄): | 38.00 |
| System Temperature 2 (°F): | 185.00 | Magnesium (Mg): | 6.80 | Bicarbonate (HCO ₃): | 1342.00 |
| System Pressure 2 (psig): | 60.0000 | Calcium (Ca): | 18.80 | Carbonate (CO ₃): | 0.00 |
| Calculated Density (g/ml): | 1.005 | Strontium (Sr): | 0.00 | Acetic Acid (CH ₃ COO) | 0.00 |
| pH: | 8.60 | Barium (Ba): | 12.80 | Propionic Acid (C ₂ H ₅ COO) | 0.00 |
| Calculated TDS (mg/L): | 10981.72 | Iron (Fe): | 9.40 | Butanoic Acid (C ₃ H ₇ COO) | 0.00 |
| CO ₂ in Gas (%): | 0.00 | Zinc (Zn): | 0.12 | Isobutyric Acid ((CH ₃) ₂ CHCOO) | 0.00 |
| Dissolved CO ₂ (mg/L): | 0.00 | Lead (Pb): | 0.09 | Fluoride (F): | |
| H ₂ S in Gas (%): | 0.00 | Ammonia NH ₃ : | | Bromine (Br): | |
| H ₂ S in Water (mg/L): | 0.00 | Manganese (Mn): | 0.20 | Silica (SiO ₂): | |

Notes:

(PTB = Pounds per Thousand Barrels)

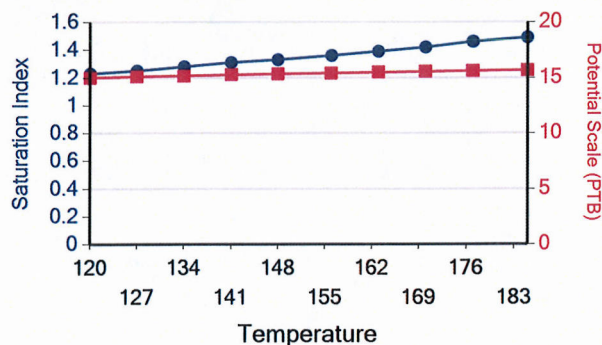
| | | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO ₄ ·2H ₂ O | | Celestite SrSO ₄ | | Halite NaCl | | Zinc Sulfide | |
|-----------|-------|-------------------|-------|----------------|------|--------------|------|----------------|------|---|------|-----------------------------|------|-------------|------|--------------|------|
| Temp (°F) | PSI | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 185.00 | 60.00 | 1.49 | 15.68 | 0.76 | 5.99 | 0.00 | 0.00 | 3.23 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 177.00 | 60.00 | 1.46 | 15.61 | 0.78 | 6.05 | 0.00 | 0.00 | 3.19 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.00 | 60.00 | 1.42 | 15.54 | 0.80 | 6.12 | 0.00 | 0.00 | 3.15 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 163.00 | 60.00 | 1.39 | 15.47 | 0.82 | 6.19 | 0.00 | 0.00 | 3.11 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 156.00 | 60.00 | 1.36 | 15.40 | 0.84 | 6.27 | 0.00 | 0.00 | 3.08 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 148.00 | 60.00 | 1.33 | 15.32 | 0.87 | 6.35 | 0.00 | 0.00 | 3.04 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 141.00 | 60.00 | 1.31 | 15.24 | 0.90 | 6.43 | 0.00 | 0.00 | 3.00 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 134.00 | 60.00 | 1.28 | 15.16 | 0.94 | 6.52 | 0.00 | 0.00 | 2.96 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 127.00 | 60.00 | 1.25 | 15.08 | 0.97 | 6.60 | 0.00 | 0.00 | 2.92 | 6.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.00 | 60.00 | 1.23 | 15.00 | 1.01 | 6.69 | 0.00 | 0.00 | 2.87 | 6.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | Hemihydrate CaSO ₄ ·0.5H ₂ O | | Anhydrate CaSO ₄ | | Calcium Fluoride | | Zinc Carbonate | | Lead Sulfide | | Mg Silicate | | Ca Mg Silicate | | Fe Silicate | |
|-----------|-------|--|------|-----------------------------|------|------------------|------|----------------|------|--------------|------|-------------|------|----------------|------|-------------|------|
| Temp (°F) | PSI | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 185.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.29 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 177.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.23 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.16 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 163.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.09 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 156.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 148.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.94 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 141.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 134.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 127.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

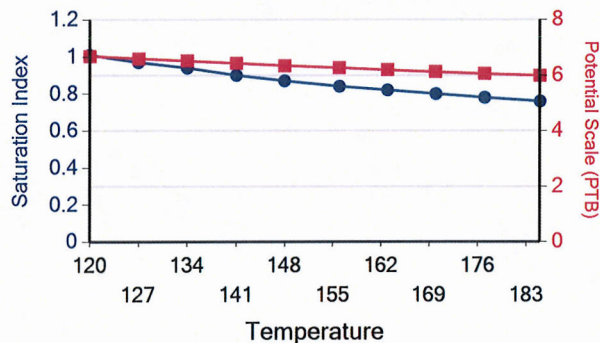
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

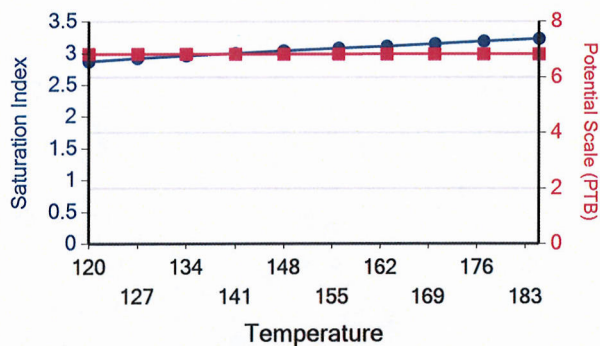
Calcium Carbonate



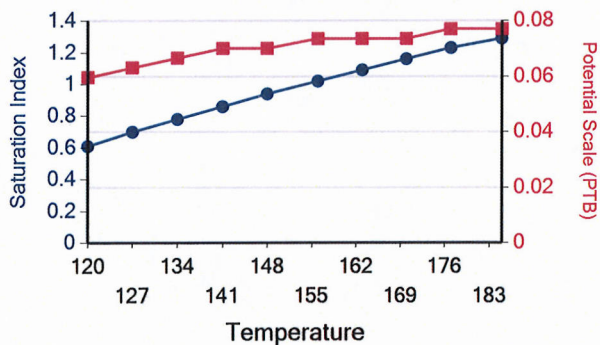
Barium Sulfate



Iron Carbonate



Zinc Carbonate



Attachment "G"

Federal #7-8-9-16 Proposed Maximum Injection Pressure

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|-------------|
| Top | Bottom | | | | |
| 5741 | 5752 | 5747 | 1660 | 0.72 | 1623 ← |
| 5860 | 5870 | 5865 | 2220 | 0.81 | 2182 |
| 5064 | 5070 | 5067 | 1850 | 0.80 | 1817 |
| 4784 | 4843 | 4814 | 1980 | 0.85 | 1949 |
| 4310 | 4372 | 4341 | 1840 | 0.86 | 1812 |
| | | | | Minimum | <u>1623</u> |

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

DAILY COMPLETION REPORT

WELL NAME: Federal 7-8-9-16

Report Date: 17-Mar-07

Day: 01

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6217' Csg PBTD: 6096'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|-------|------------|---------|------------|------------|
| | | | CP1 sds | 5741-5752' | 4/44 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Mar-07

SITP: SICP: 0

Install 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6096' & cement top @ 85' Perforate stage #1, CP1 sds @ 5741-5752' w/ 3-1/8" Slick Guns (23 gram, .49"HE. 120) w/ 4 spf for total of 44 shots 147 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 147 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 147 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

Weatherford BOP

NPC NU crew

NDSI trucking

Perforators LLC

Drilling cost

Action hot oil

Location preparation

NPC wellhead

Benco - anchors

Admin. Overhead

NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:

DAILY COMPLETION REPORT

WELL NAME: Federal 7-8-9-16 Report Date: 20-Mar-07 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6217' Csg PBTD: 6096'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|-------|------------|---------|------------|------------|
| | | | CP1 sds | 5741-5752' | 4/44 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07 SITP: SICP: 0 psi

Day 2a.

RU BJ Services. 0 psi on well. Frac CP1 sds w/ 14,783#'s of 20/40 sand in 265 bbls of Lightning 17 fluid. Broke @ 3691 psi. Treated w/ ave pressure of 1736 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1660 psi. Leave pressure on well. 412 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 147 Starting oil rec to date:
 Fluid lost/recovered today: 265 Oil lost/recovered today:
 Ending fluid to be recovered: 412 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: CP1 sands
504 gals to breakdown & get crosslink.
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2261 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 5208 gals of slick water

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 1913 Max Rate: 25.6 BPM Total fluid pmpd: 265 bbls
 Avg TP: 1736 Avg Rate: 25.2 BPM Total Prop pmpd: 14,783#'s
 ISIP: 1660 5 min: 10 min: FG: .72
 Completion Supervisor: Orson Barney

COSTS

BJ Services-CP1
 CD wtr & trucking
 NPC fuel gas
 Weatherford tools/serv
 NPC trucking
 NPC Supervisor
 DAILY COST: \$0
 TOTAL WELL COST: \$0

WELL NAME: Federal 7-8-9-16 **Report Date:** 20-Mar-07 **Day:** 2b

Operation: Completion **Rig:** Rigless

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6217' Csg PBTD: 6096'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5620'

[illegible]

Date Work Performed: 19-Mar-07 **SITP:** **SICP:** 1180 psi

Day 2b. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' per gun. Set plug @ 5620'. Perforate LODC sds @ 5511- 19' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 32 shots. RU BJ Services. 1180 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 1014 psi on well. Frac LODC sds w/ 35,135#s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 2860 psi. Treated w/ ave pressure of 2009 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2220 psi. Leave pressure on well. 787 BWTR. See Day 2c.

| | | | |
|--------------------------------------|------------|---------------------------|-------------------|
| Starting fluid load to be recovered: | <u>412</u> | Starting oil rec to date: | |
| Fluid <u>lost</u> /recovered today: | <u>375</u> | Oil lost/recovered today: | |
| Ending fluid to be recovered: | <u>787</u> | Cum oil recovered: | |
| IFL: | FFL: | FTP: | Choke: |
| | | | Final Fluid Rate: |
| | | | Final oil cut: |

Base Fluid used: Lightning 17 Job Type: Sand frac BJ Services-LODC
Company: BJ Services CD wtr & trucking

798 gals to breakdown & get crosslink.

2800 gals of pad

2194 gals W/ 1-5 ppg of 20/40 sand

4444 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5006 qals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2507 Max Rate: 25.4 BPM Total fluid pmpd: 375 bbls

Avg TP: 2009 Avg Rate: 25.2 BPM Total Prop pmpd: 35,135#'s

ISIP: 2220 5 min: 10 min: FG: .84

Completion Supervisor: Orson Barney

BJ Services-LODC

CD wtr & trucking

NPC fuel gas

Weatherford tools/serv

Lone Wolf WL

NPC Supervisor

DAILY COST: \$0

TOTAL WELL COST: \$0



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DAILY COMPLETION REPORT

WELL NAME: Federal 7-8-9-16

Report Date: 20-Mar-07

Day: 2c

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321'

Prod Csg: 5-1/2" @ 6217'

Csg PBTD: 6096'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5170'

BP: 5620'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|---------|------------|------------|
| | | | CP1 sds | 5741-5752' | 4/44 |
| | | | | | |
| | | | | | |
| | | | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07

SITP: SICP: 2010 psi

Day 2c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 6' perf gun. Se plug @ 5170'. Perforate B1 sds @ 5064- 70' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 24 shots. RU BJ Services. 2010 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL 8 dump bail acid. RU BJ Service. 2010 psi on well. Frac B1 sds w/ 19,832#'s of 20/40 sand in 300 bbls of Lightning 17 fluid. Broke @ 4198 psi. Treated w/ ave pressure of 1820 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1850 psi. Leave pressure on well. 1087 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 787

Starting oil rec to date:

Fluid lost/recovered today: 300

Oil lost/recovered today:

Ending fluid to be recovered: 1087

Cum oil recovered:

IFL: FFL: FTP:

Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B1 sands

1008 gals to breakdown & get crosslink.

2000 gals of pad

1511 gals W/ 1-4 ppg of 20/40 sand

3016 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4553 gals of slick water

BJ Services-B1

CD wtr & trucking

NPC fuel gas

Weatherford tools/serv

Lone Wolf WL

NPC Supervisor

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2160 Max Rate: 25.7 BPM Total fluid pmpd: 300 bbls

Avg TP: 1820 Avg Rate: 25.5 BPM Total Prop pmpd: 19,832#'s

ISIP: 1850 5 min: 10 min:

FG: .80

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST: \$0

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DAILY COMPLETION REPORT

WELL NAME: Federal 7-8-9-16

Report Date: 20-Mar-07

Day: 2d

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321'
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 6217'
Grd: Pkr/EOT @:

Csg PBTD: 6096'WL

BP/Sand PBTD: 4950'

BP: 5170', 5620'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|---------|------------|------------|
| | | | CP1 sds | 5741-5752' | 4/44 |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07

SITP: SICP: 1505 psi

Day 2d.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 5' & 6' perf gun. Se plug @ 4950'. Perforate DS3 sds @ 4838- 43', 4784- 90' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 44 shots. RU BJ Services. 1505 psi on well. Frac DS3 sds w/ 29,693#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3635 psi. Treated w/ ave pressure of 2140 psi @ ave rate of 25.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1980 psi. Leave pressure on well. 1447 BWTR. See Day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1087

Starting oil rec to date:

Fluid lost/recovered today: 360

Oil lost/recovered today:

Ending fluid to be recovered: 1447

Cum oil recovered:

IFL: FFL: FTP:

Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: DS3 sands

609 gals to breakdown & get crosslink.

3000 gals of pad

2319 gals W/ 1-4 ppg of 20/40 sand

4450 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4242 gals of slick water

BJ Services-DS3

CD wtr & trucking

NPC fuel gas

Weatherford tools/serv

Lone Wolf WL

NPC Supervisor

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2446 Max Rate: 25.7 BPM Total fluid pmpd: 360 bbls

Avg TP: 2140 Avg Rate: 25.4 BPM Total Prop pmpd: 29,693#'s

ISIP: 1980 5 min: 10 min:

FG: .85

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 7-8-9-16

Report Date: 20-Mar-07

Day: 2e

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321'

Prod Csg: 5-1/2" @ 6217'

Csg PBTD: 6096'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4470'

BP: 4950', 5170', 5620'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|---------|------------|------------|
| GB4 sds | 4310-4315' | 4/20 | CP1 sds | 5741-5752' | 4/44 |
| GB6 sds | 4342-4347' | 4/20 | | | |
| GB6 sds | 4364-4372' | 4/32 | | | |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07

SITP: SICP: 1530 psi

Day 2e.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8', 5' & 5' perf gun Set plug @ 4470'. Perforate GB6 sds @ 4364- 72', 4342- 47', GB4 sds @ 4310- 15' w/ 3-1/8" Slick Guns (23 gram .43"HE, 90) w/ 4 SPF for total of 72 shots. RU BJ Services. 1530 psi on well. Frac GB4 & GB6 sds w/ 71,931#'s o 20/40 sand in 538 bbls of Lightning 17 fluid. Broke @ 2566 psi. Treated w/ ave pressure of 25.6 psi @ ave rate of 538 BPM. ISIP 1840 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec. 240 BTF SIWFN w/ 1745 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1447

Starting oil rec to date:

Fluid lost/recovered today: 298

Oil lost/recovered today:

Ending fluid to be recovered: 1745

Cum oil recovered:

IFL: FFL: FTP:

Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 & GB6 sands

gals to breakdown & get crosslink.

5400 gals of pad

3625 gals W/ 1-5 ppg of 20/40 sand

7250 gals W/ 5-8 ppg of 20/40 sand

2058 gals W/ 8 ppg of 20/40 sand

Flush W/ 4246 gals of slick water

BJ Services-GB4&6

CD wtr & trucking

NPC fuel gas

Weatherford tools/serv

Lone Wolf WL

NPC Supervisor

NPC flowback hand

Unichem chemicals

Monks pit reclaim

NFC sfc equipment

Boren welding/labor

Mt west sanitation

NDSI wtr disposal

Max TP: 1840 Max Rate: 25.8 BPM Total fluid pmpd: 538 bbls

Avg TP: 1581 Avg Rate: 25.6 BPM Total Prop pmpd: 71,931#'s

ISIP: 1840 5 min: 10 min: FG: .86

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST: \$0

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

Day: 4

Rig: Nabors #919

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6217' Csg PBTD: 6096'WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: j-55 Pkr/EOT @: 5483' BP/Sand PBTD: 5620'

| <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> | <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> |
|-------------|--------------|-------------------|-------------|--------------|-------------------|
| GB4 sds | 4310-4315' | 4/20 | CP1 sds | 5741-5752' | 4/44 |
| GB6 sds | 4342-4347' | 4/20 | | | |
| GB6 sds | 4364-4372' | 4/32 | | | |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

SITP: 0 SICP: 0

RIH w/ tbg. Tag @ 4327'. C/O to CBP @ 4470'. DU CBP in 70 min. Cont. RIH w/ tbg. Tag @ 4851'. C/O to CBP @ 4950'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag CBP @ 5170'. DU CBP in 80 min. Cont. RIH w/ tbg. Tag @ 5515' Pull up to 5483'. SWIFN.

| | | |
|---|---|--|
| Starting fluid load to be recovered: <u>1745</u> Fluid <u>lost</u> /recovered today: <u>300</u> Ending fluid to be recovered: <u>2045</u> IFL: FFL: FTP: | Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut: _____ | |
|---|---|--|

COSTS

[illegible]

UPI 2

Day: 5

Rig: Nabors #919

| | | | | | | | | | |
|-----------|---------------------|---|-----------------|-----------|---------------|------------|--------------|----------------------|--------------|
| Surf Csg: | <u>8-5/8'</u> | @ | <u>321'</u> | Prod Csg: | <u>5-1/2"</u> | @ | <u>6217'</u> | Csg PBTD: | <u>6172'</u> |
| Tbg: | Size: <u>2 7/8"</u> | | Wt: <u>6.5#</u> | Grd: | <u>j-55</u> | Pkr/EOT @: | <u>6048'</u> | <u>BP/Sand PBTD:</u> | <u>6172'</u> |

| <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> | <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> |
|-------------|--------------|-------------------|-------------|--------------|-------------------|
| GB4 sds | 4310-4315' | 4/20 | CP1 sds | 5741-5752' | 4/44 |
| GB6 sds | 4342-4347' | 4/20 | | | |
| GB6 sds | 4364-4372' | 4/32 | | | |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

SITP: 0 SICP: 0

FLUID RECOVERY (BBLS)

Choke: Final Fluid Rate: Final oil cut:

Weatheford BOP

TOTAL WELL COST: \$0

Completion Supervisor: Don Dulen

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WELL NAME: Federal 7-8-9-16 **Report Date:** 3/28/2007 **Day:** 6
Operation: Completion **Rig:** Nabors #919

| | | | | | | | | | | |
|-----------|---------------|---------------|-------------|-------------|---------------|-------------|--------------|--------------|---------------|--------------|
| Surf Csg: | <u>8-5/8'</u> | @ | <u>321'</u> | Prod Csg: | <u>5-1/2"</u> | @ | <u>6217'</u> | Csg PBTD: | <u>6172'</u> | |
| Tba: | Size: | <u>2 7/8"</u> | Wt: | <u>6.5#</u> | Grd: | <u>J-55</u> | Pkr/EOT @: | <u>6048'</u> | BP/Sand PBTD: | <u>6172'</u> |

| <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> | <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> |
|-------------|--------------|-------------------|-------------|--------------|-------------------|
| GB4 sds | 4310-4315' | 4/20 | CP1 sds | 5741-5752' | 4/44 |
| GB6 sds | 4342-4347' | 4/20 | | | |
| GB6 sds | 4364-4372' | 4/32 | | | |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

Date Work Performed: 3/27/2007 **SITP:** 0 **SICP:** 0

RIH w/ tbg. Tag PBTD @ 6172'. Circulate well clean. POOH w/ tbg. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg. PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOP. Set TAC @ 5712' w/ 16,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 114- 3/4" slick rods, 99- 3/4" guided rods, 1 1/2" x 22' polished rod. Seat pump. Tbg. was full. Stroke test to 800 psi. RL pumping unit. Hang off rods. Adjust tag. SWIFN.

| | | | |
|--------------------------------------|-------------|---------------------------|-----------------------------|
| Starting fluid load to be recovered: | <u>1890</u> | Starting oil rec to date: | <u> </u> |
| Fluid <u>lost</u> /recovered today: | <u>30</u> | Oil lost/recovered today: | <u> </u> |
| Ending fluid to be recovered: | <u>1920</u> | Cum oil recovered: | <u> </u> |
| IFL: | FFL: | FTP: | Choke: |
| | | | Final Fluid Rate: |
| | | | Final oil cut: |

[illegible]

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Figure 1

Day: 7

Rig: Nabors #919

WELL STATUS

| | | | | | | | | | |
|-----------|---------------------|-----|-------------|-----------|---------------|------------|--------------|---------------|--------------|
| Surf Csg: | <u>8-5/8'</u> | @ | <u>321'</u> | Prod Csg: | <u>5-1/2"</u> | @ | <u>6217'</u> | Csg PBTD: | <u>6172'</u> |
| Tbg: | Size: <u>2 7/8"</u> | Wt: | <u>6.5#</u> | Grd: | <u>j-55</u> | Pkr/EOT @: | <u>5811'</u> | BP/Sand PBTD: | <u>6172'</u> |

PERFORATION RECORD

| <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> | <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> |
|-------------|--------------|-------------------|-------------|--------------|-------------------|
| GB4 sds | 4310-4315' | 4/20 | CP1 sds | 5741-5752' | 4/44 |
| GB6 sds | 4342-4347' | 4/20 | | | |
| GB6 sds | 4364-4372' | 4/32 | | | |
| DS3 sds | 4784-4790' | 4/24 | | | |
| DS3 sds | 4838-4843' | 4/20 | | | |
| B1 sds | 5064-5070' | 4/24 | | | |
| LODC sds | 5511-5519' | 4/32 | | | |

CHRONOLOGICAL OPERATIONS

SITP: 0 SICP: 0

RD. Put well on production @ 9:00 a.m. 86" stroke length, 5 spm. Final Report.

FLUID RECOVERY (BBLS)

| | | | |
|---|-------------|---------------------------|-----------------------------|
| Starting fluid load to be recovered: | <u>1920</u> | Starting oil rec to date: | <u> </u> |
| Fluid lost /recovered today: | <u>0</u> | Oil lost/recovered today: | <u> </u> |
| Ending fluid to be recovered: | <u>1920</u> | Cum oil recovered: | <u> </u> |
| IFL: | FFL: | FTP: | Choke: |
| | | | Final Fluid Rate: |
| | | | Final oil cut: |

TUBING DETAIL

ROD DETAIL

COSTS

| | | Nabors #919 | |
|-----|---------------------------|---------------------------|------------------------|
| KB | 12.00' | 1 1/2" X 22' polished rod | NPC frac tk(5tkx9days) |
| 181 | 2 7/8 J-55 tbg (5699.88') | 99-3/4" scraped rods | NPC swab tk (6 days) |
| | TA (2.80' @ 5711.88' KB) | 114-3/4" plain rods | |
| 1 | 2 7/8 J-55 tbg (31.61') | 10-3/4" scraped rods | |
| | SN (1.10' @ 5746.29' KB) | 6-1 1/2" weight rods | |
| 2 | 2 7/8 J-55 tbg (63.22') | CDI 2 1/2" X 1 1/2" X 15' | |
| | 2 7/8 NC (.45') | RHAC pump W/ SM plunger | |
| EOT | 5811.06' W/ 12.5' KB | | |

NPC Supervision

DAILY COST: \$0

TOTAL WELL COST: \$0

Completion Supervisor: Don Dulen

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4260'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 192' balance plug using 26 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 1/2" casing to 373'

The approximate cost to plug and abandon this well is \$42,000.

Federal 7-8-9-16

Attachment H-1

Spud Date: 1-16-07
Put on Production: 3-28-07
GL: 5889' KB: 5901'

Initial Production: BOPD,
MCFD, BWPD

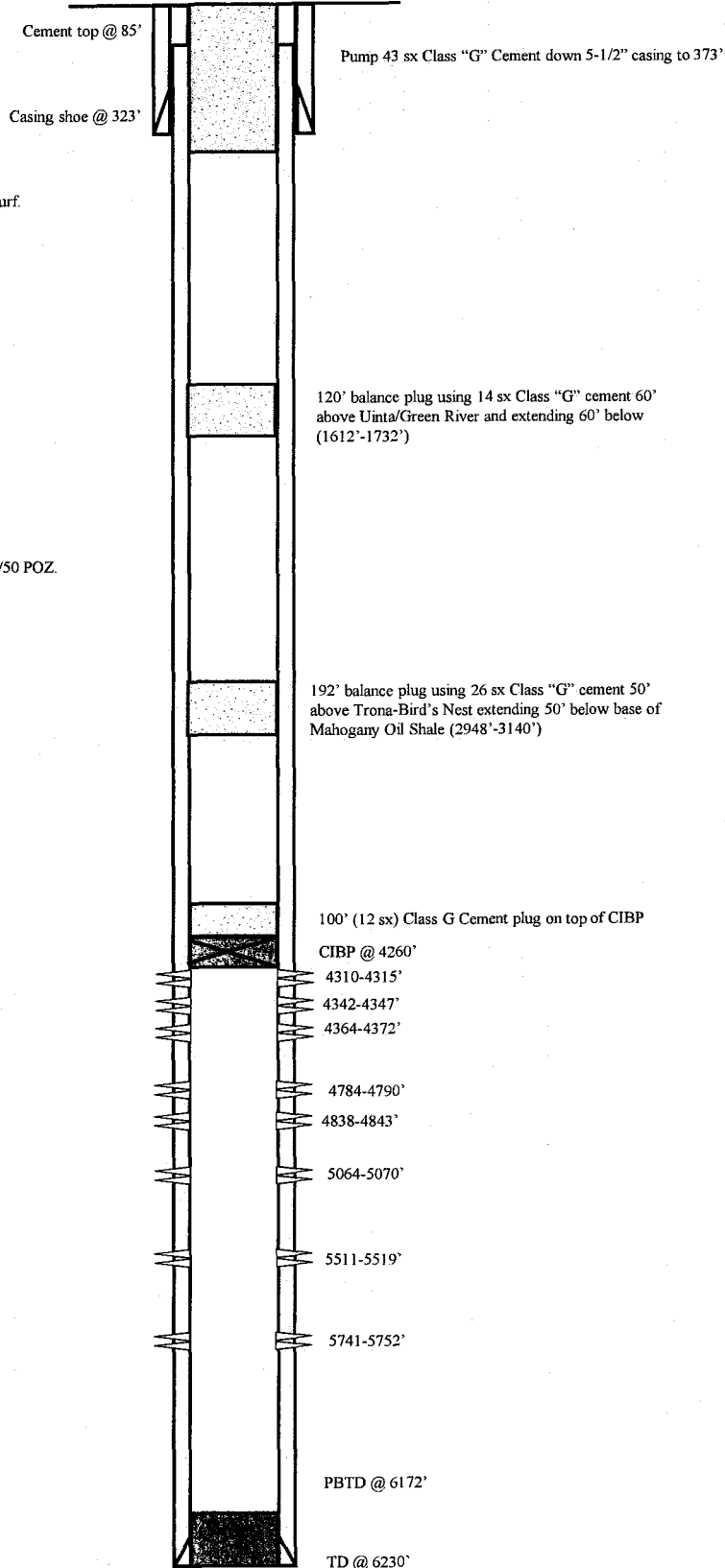
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.5')
DEPTH LANDED: 323.35' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (6204.07')
DEPTH LANDED: 6217.32' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 85'



120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1612'-1732')

192' balance plug using 26 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2948'-3140')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4260'

4310-4315'

4342-4347'

4364-4372'

4784-4790'

4838-4843'

5064-5070'

5511-5519'

5741-5752'

PBTD @ 6172'

TD @ 6230'

NEWFIELD

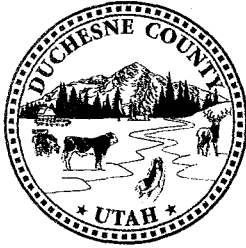
Federal 7-8-9-16

2003' FNL & 2179' FEL

NW/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33056; Lease # UTU-64379



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mike Hyde".

Mike Hyde, AICP
Community Development Administrator

pc: Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056

Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050

Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Brad Hill", is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**WEST POINT U 12-5-9-16, FEDERAL 7-8-9-16, FEDERAL 9-8-9-16, WEST POINT 12-8-9-16,
FEDERAL 15-8-9-16, FEDERAL 5-9-9-16, FEDERAL 11A-9-9-16, GOATES FED 1,
FEDERAL 13-13-9-16, FEDERAL 1-17-9-16, FEDERAL 15-17-9-16, FEDERAL 3-19-9-16,
FEDERAL 5-22-9-16, FEDERAL 16-22-9-16, FEDERAL 5-23-9-16,
FEDERAL 9-23, FEDERAL 1-30-9-16**

Cause No. UIC-395

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

On 6/21/2012 5:07 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:13 AM
Subject: Legal Notice - UIC 395
Attachments: OrderConf.pdf

AD# 802910
Run Trib/DNews - 6/26
Cost \$448.52
Thank you
Mark

Order Confirmation for Ad #0000802910-01

| | | | |
|---------------------|---|-----------------------|--|
| Client | DIV OF OIL-GAS & MINING | Payor Customer | DIV OF OIL-GAS & MINING |
| Client Phone | 801-538-5340 | Payor Phone | 801-538-5340 |
| Account# | 9001402352 | Payor Account | 9001402352 |
| Address | 1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA | Payor Address | 1594 W NORTH TEMP #1210,P.O. BOX SALT LAKE CITY, UT 84114 |
| Fax | 801-359-3940 | Ordered By | Acct. Exec |
| Email | earlenerussell@utah.gov | Jean | mfultz |

| | | | | |
|---------------------|-----------------|--------------------|---------------|-------------------|
| Total Amount | \$448.52 | | | |
| Payment Amt | \$0.00 | | | |
| | | <u>Tear Sheets</u> | <u>Proofs</u> | <u>Affidavits</u> |
| Amount Due | \$448.52 | 0 | 0 | 1 |

| | | |
|-----------------------|------------------|---------|
| Payment Method | <u>PO Number</u> | UIC 395 |
|-----------------------|------------------|---------|

Confirmation Notes:

Text: Jean

| | | |
|----------------|----------------|--------------|
| Ad Type | Ad Size | Color |
| Legal Liner | 3.0 X 88 Li | <NONE> |

| | | |
|---------------------------|---------------------------|---------------------------------|
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| Salt Lake Tribune:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| Deseret News:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| sltrib.com:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| utahlegals.com:: | utahlegals.com | utahlegals.com |
| Scheduled Date(s): | 06/26/2012 | |

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

**BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933
Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056
Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058
West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286
Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916
Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050
Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789
Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650
Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
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Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
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Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064
Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025
Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394
Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960
Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654
Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 13, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

SUBJECT: GREATER MONUMENT BUTTE UNIT, FEDERAL 7-8-9-16, SECTION 8,
TOWNSHIP 9 SOUTH, RANGE 16 EAST, SLBM, DUCHESNE COUNTY, UTAH,
API # 43-013-33056

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,121 feet in the Federal 7-8-9-16 well.



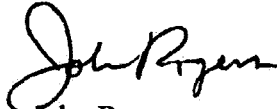
Page 2

September 13, 2012

Subject: FEDERAL 7-8-9-16, API # 43-013-33056

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

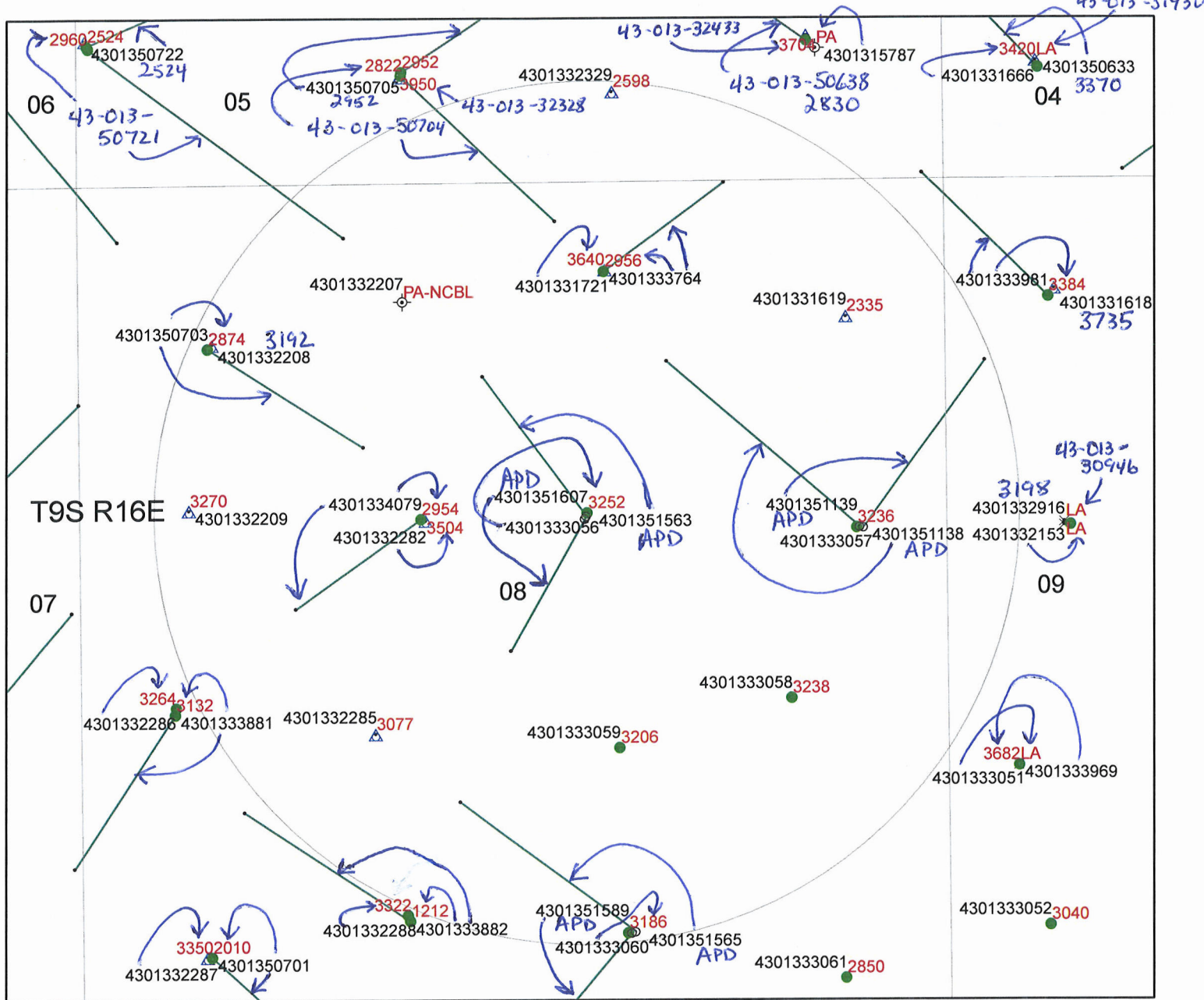
A handwritten signature in black ink, appearing to read "John Rogers".

John Rogers
Associate Director

JR/MLR/ear

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



Legend

- | | |
|--|---|
| <ul style="list-style-type: none"> Buffer_of_SGID93_ENERGY_DNROilGasWells_132 SGID93_ENERGY_DNROilGasWells SGID93_ENERGY_DNROilGasWells GIS_STAT_TYPE ○ APD ⊙ DRL ⊙ GIW ⊙_{GS} GSW × LA ○ LOC ● OPS ⊙ PA | <ul style="list-style-type: none"> ⊙ PGW ● POW ▲ RET ⊙ SGW ● SOW ⊗ TA ○ TW ⊙ WDW ▲ WIW ● WSW SGID93_BOUNDARIES.Counties • SGID93_ENERGY_DNROilGasWells_HDBottom — SGID93_ENERGY_DNROilGasWells_HDPath • Wells-CbltopsMaster08_14_12 |
|--|---|

0 0.05 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 7-8-9-16

Location: 8/9S/16E **API:** 43-013-33056

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,217 feet. A cement bond log demonstrates adequate bond in this well up to about 3,252 feet. A 2 7/8 inch tubing with a packer will be set at 4,260 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells, 7 injection wells, and 1 P/A well in the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and a bottom hole locations inside the AOR. In addition, there is 1 approved surface location inside the AOR from which a directional well will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 4,121 feet and 6,172 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-8-9-16 well is 0.72 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,623 psig. The requested maximum pressure is 1,623 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 7-8-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 8/22/2012

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Oil Well | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) | |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 8. WELL NAME and NUMBER: FEDERAL 7-8-9-16 | |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext | 9. API NUMBER: 43013330560000 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2003 FNL 2179 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE | |
| | COUNTY: DUCHESNE | |
| | STATE: UTAH | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|--|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/> |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/28/2012 | | | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 09/27/2012. On 09/27/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/28/2012 the casing was pressured up to 1800 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: October 11, 2012

By: 

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | | DATE 10/2/2012 |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 9/28/12 Time 11:35 am pm
Test Conducted by: KODY OLSON
Others Present: _____

Well: FEDERAL 7-8-9-16

Field: MON. BUTTE

Well Location: SW/NE Sec. 8, T9S, R16E API No: 43-013-33056
DUCHESNE CTY, UTAH

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1800</u> | psig |
| 5 | <u>1800</u> | psig |
| 10 | <u>1800</u> | psig |
| 15 | <u>1800</u> | psig |
| 20 | <u>1800</u> | psig |
| 25 | <u>1800</u> | psig |
| 30 min | <u>1800</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 0 psig

Result:

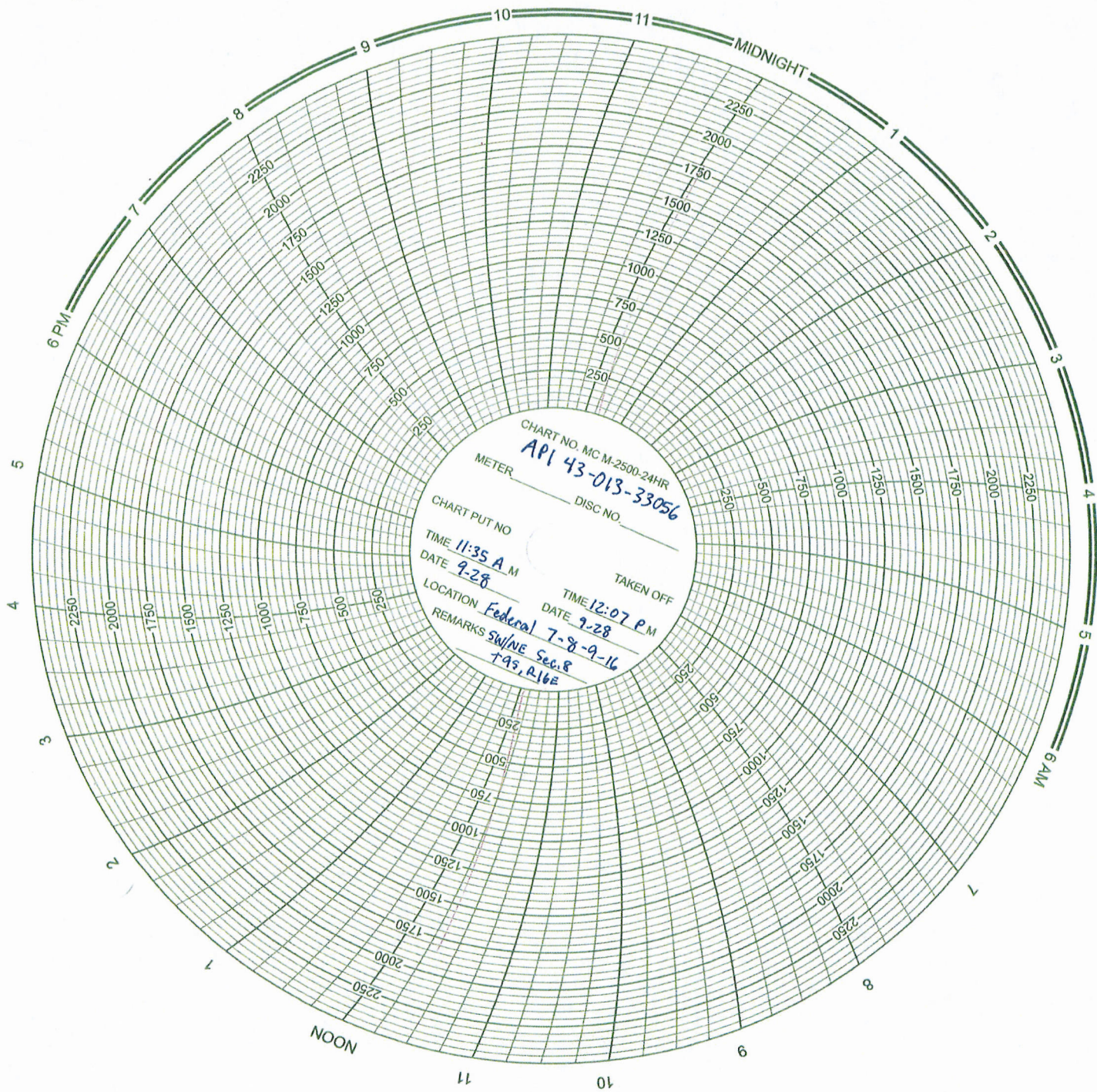
Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

Sundry Number: 30429 API Well Number: 43013330560000



9/26/2012 Day: 1

<http://www.inewfld.com/denver/SumActRpt.asp?RC=156691&API=4301333056&MinDa...> 10/1/2012

& applying liquid teflon dope. Flush tbg w/ 30 bbls water @ 250. Cont. to TOH w/ 54 -jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 50 - jts 2 7/8 tbg on trailer. TIH w/ RE guide, XN, 4' 2 3/8 tbg sub, XO, pkr, seal nipple, SN, 134 -jts 2 7/8 tbg. SDFD. - Cont. TOH w/ 60 -jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. Flush tbg w/ 30 bbls water @ 250. Cont. to TOH w/ 54 -jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 50 - jts 2 7/8 tbg on trailer. TIH w/ RE guide, XN, 4' 2 3/8 tbg sub, XO, pkr, seal nipple, SN, 134 -jts 2 7/8 tbg. SDFD. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$31,842

9/27/2012 Day: 3

Conversion

NC #2 on 9/27/2012 - Drop STD valve, pressure test tbg. - Bleed well off. Pump 5 bbls water down tbg for pad. Drop STD valve. Fill tbg w/ 10 bbls water. Pressure test tbg @ 3000 psi. Held pressure for one hour. Good test. RIH w/ sandline & retrieve STD valve. RD rig floor. ND BOPs. Waited on water truck for 2 hours. Water truck was stuck. Pumped 60 bbls fresh water down csg. Set pkr @ 4236.93' w/ 18000 tension. NU 3k injection tree. Filled csg w/ 5 bbls fresh water. Pressured up csg to 1500 psi. Pressure dropped 20 psi in 30 min. Csg held @ 1480 psi for one hour. Good test. RDMOSU. SDFD . READY FOR MIT! - Bleed well off. Pump 5 bbls water down tbg for pad. Drop STD valve. Fill tbg w/ 10 bbls water. Pressure test tbg @ 3000 psi. Held pressure for one hour. Good test. RIH w/ sandline & retrieve STD valve. RD rig floor. ND BOPs. Waited on water truck for 2 hours. Water truck was stuck. Pumped 60 bbls fresh water down csg. Set pkr @ 4236.93' w/ 18000 tension. NU 3k injection tree. Filled csg w/ 5 bbls fresh water. Pressured up csg to 1500 psi. Pressure dropped 20 psi in 30 min. Csg held @ 1480 psi for one hour. Good test. RDMOSU. SDFD . READY FOR MIT! - Bleed well off. Pump 5 bbls water down tbg for pad. Drop STD valve. Fill tbg w/ 10 bbls water. Pressure test tbg @ 3000 psi. Held pressure for one hour. Good test. RIH w/ sandline & retrieve STD valve. RD rig floor. ND BOPs. Waited on water truck for 2 hours. Water truck was stuck. Pumped 60 bbls fresh water down csg. Set pkr @ 4236.93' w/ 18000 tension. NU 3k injection tree. Filled csg w/ 5 bbls fresh water. Pressured up csg to 1500 psi. Pressure dropped 20 psi in 30 min. Csg held @ 1480 psi for one hour. Good test. RDMOSU. SDFD . READY FOR MIT! **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,876

10/1/2012 Day: 4

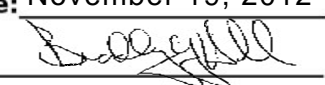
Conversion

Rigless on 10/1/2012 - Conduct initial MIT - On 09/27/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/28/2012 the casing was pressured up to 1800 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/27/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/28/2012 the casing was pressured up to 1800 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 09/27/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/28/2012 the casing was pressured up to 1800 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$121,210

Pertinent Files: Go to File List

| | | |
|---|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | | 8. WELL NAME and NUMBER: FEDERAL 7-8-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2003 FNL 2179 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S | | 9. API NUMBER: 43013330560000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/12/2012 | OTHER: <input type="text" value="Put on Injection"/> | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 2:15 PM on 11/12/2012.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: November 19, 2012</p> <p>By: </p> </div> </div> | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 11/13/2012 | |

Federal 7-8-9-16

Spud Date: 1-16-07

Put on Production: 3-28-07

GL: 5889' KB: 5901'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (311.5')

DEPTH LANDED: 323.35' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (6204.07')

DEPTH LANDED: 6217.32' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 134 jts (4218.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4230.8' KB

ON/OFF TOOL AT: 4231.9'

SEAL NIPPLE AT: 4233.3

ARROW #1 PACKER CE AT: 4236.93'

XO 2-3/8 x 2-7/8 J-55 AT: 4240.6'

TBG PUP 2-3/8 J-55 AT: 4241.1'

X/N NIPPLE AT: 4245.1'

TOTAL STRING LENGTH: EOT @ 4247'

FRAC JOB

04-19-07 5741-5752'

Frac CP1 sands as follows:

14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal.

04-19-07 5860-5870'

Frac LODC sands as follows:

35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal.

04-19-07 5064-5070'

Frac B1 sands as follows:

19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal.

04-19-07 4784-4843'

Frac DS3 sands as follows:

29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal.

04-19-07 4310-4372'

Frac GB6, & GB4 sands as follows:

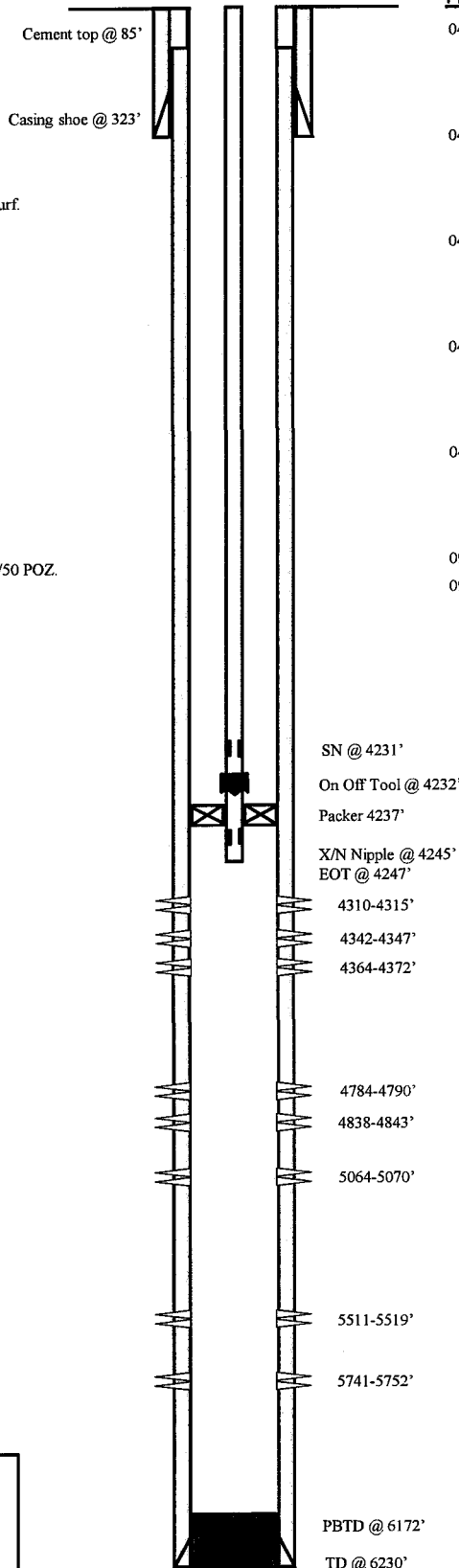
71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal.

09/27/12

Convert to Injection Well

09/28/12

Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-16-07 | 5741-5752' | 4 JSPF | 44 holes |
| 04-19-07 | 5511-5519' | 4 JSPF | 32 holes |
| 04-19-07 | 5064-5070' | 4 JSPF | 24 holes |
| 04-19-07 | 4838-4843' | 4 JSPF | 20 holes |
| 04-19-07 | 4784-4790' | 4 JSPF | 24 holes |
| 04-19-07 | 4364-4372' | 4 JSPF | 32 holes |
| 04-19-07 | 4342-4347' | 4 JSPF | 20 holes |
| 04-19-07 | 4310-4315' | 4 JSPF | 20 holes |

NEWFIELD

Federal 7-8-9-16

2003' FNL & 2179' FEL

NW/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33056; Lease # UTU-64379



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-395

Operator: Newfield Production Company
Well: Federal 7-8-9-16
Location: Section 8, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33056
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 13, 2012.
2. Maximum Allowable Injection Pressure: 1,623 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,121' – 6,172')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: John Rogers
John Rogers
Associate Director

11-7-2012
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066

Phone: 435-722-5131
 Fax: 435-722-4140



| | | | |
|----------------|----------|--------------|-----------|
| Invoice Number | 32047 | Invoice Date | 6/26/2012 |
| Invoice Amount | \$176.25 | Due Date | 7/26/2012 |

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N. TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 32047

6/26/2012

| Date | Order | Description | Ad Size | SubTotal | Sales Tax | Amount |
|-----------|-------|---|---------|----------|-----------|----------|
| 6/26/2012 | 16065 | UBS | | | | |
| | | UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 | | | | \$176.25 |
| | | Pub. June 26, 2012 | | | | |

Sub Total: \$176.25

Total Transactions: 1 Total: \$176.25

SUMMARY Advertiser No. 2080 Invoice No. 32047

1 1/2% fee will be charged to all past due balances.


Thank You for your business!

Thank you for advertising with us, we appreciate your business!

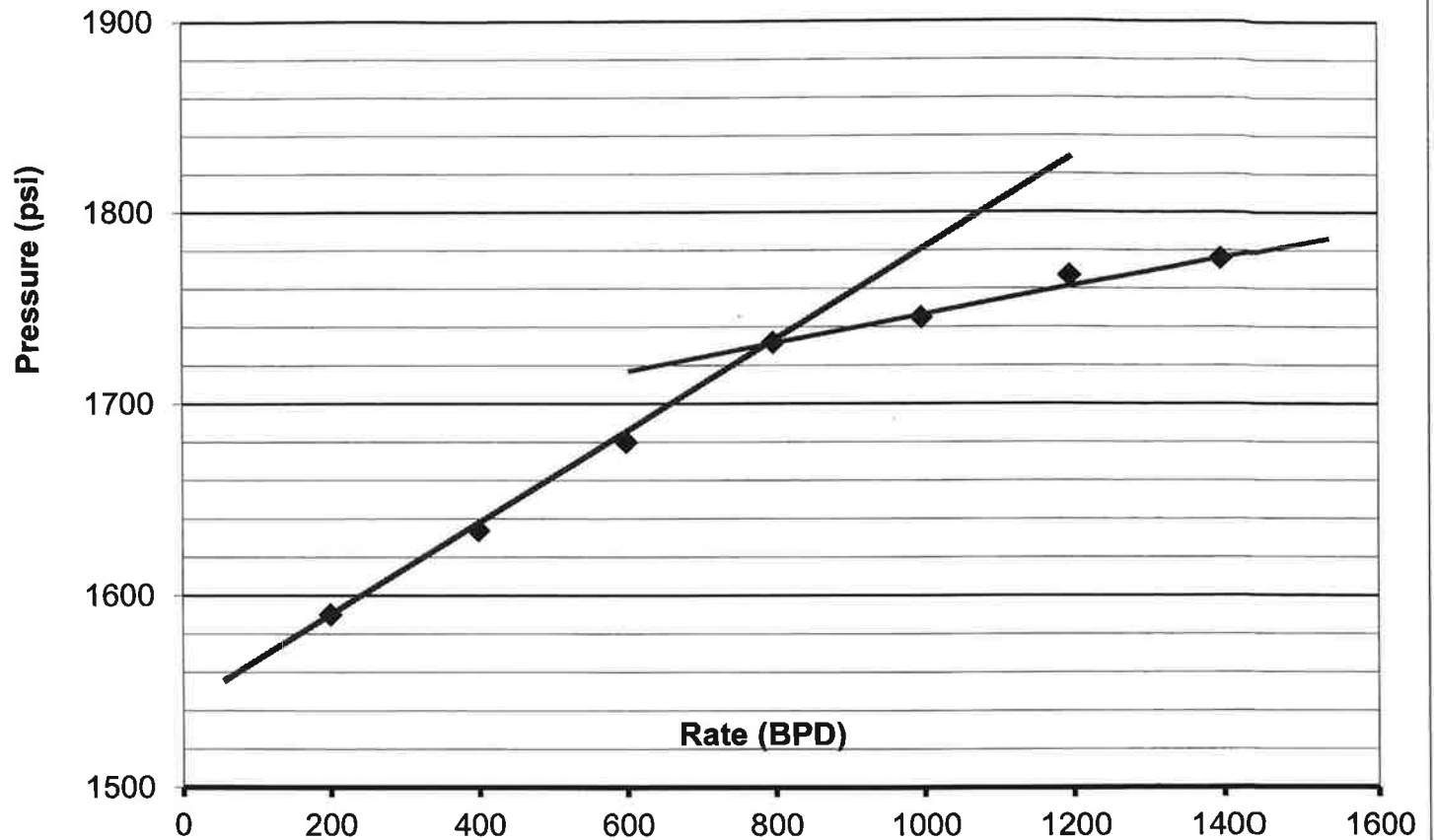
43 013 33056
 Federal 7-8-9-16
 95 16E 8

UTC 395

[illegible]

| | | |
|--|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | | 8. WELL NAME and NUMBER: FEDERAL 7-8-9-16 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2003 FNL 2179 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S | | 9. API NUMBER: 43013330560000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/8/2013 | OTHER: <input type="text" value="Step Rate Test"/> | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> APD EXTENSION | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on October 8, 2013. Results from the test indicate that the fracture gradient is 0.841 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1623 psi to 1730 psi. | | |
| Accepted by the Utah Division of Oil, Gas and Mining Date: October 24, 2013 By:  | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 10/21/2013 | |

**Federal 7-8-9-16
Greater Monument Butte Unit
Step Rate Test
October 8, 2013**



| | | Step | Rate(bpd) | Pressure(psi) |
|--------------------------|--------------|------|-----------|---------------|
| Start Pressure: | 1557 psi | 1 | 200 | 1590 |
| | | 2 | 400 | 1634 |
| Top Perforation: | 4310 feet | 3 | 600 | 1680 |
| Fracture pressure (Pfp): | 1730 psi | 4 | 800 | 1732 |
| FG: | 0.841 psi/ft | 5 | 1000 | 1745 |
| | | 6 | 1200 | 1767 |
| | | 7 | 1400 | 1776 |

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/16/2013 08:32:38
 File Name: C:\Program Files (x86)\PTC® Instruments 2.03.12\
 Federal 7-8-9-16 SRT (10-8-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 08, 2013 08:30:00 AM MDT
 Data End Date: Oct 08, 2013 12:30:00 PM MDT
 Reading: 1 to 49 of 49
 Reading Rate: 5 Minutes
 Last Calibration Date: Jul 29, 2013
 Next Calibration Date: Jul 29, 2014
 Next Calibration Date: Jul 29, 2014

Federal 7-8-9-16 SRT (10-08-13)

Unit Type (All Units)

| Reading | DateTime (MDT) | Channel 2 PSIA |
|---------|--------------------------|-------------------|
| 1 | Oct 08, 2013 08:30:00 AM | 1561 |
| 2 | Oct 08, 2013 08:35:00 AM | 1560.2 |
| 3 | Oct 08, 2013 08:40:00 AM | 1559.4 |
| 4 | Oct 08, 2013 08:45:00 AM | 1558.6 |
| 5 | Oct 08, 2013 08:50:01 AM | 1558.6 |
| 6 | Oct 08, 2013 08:55:00 AM | 1557.2 |
| 7 | Oct 08, 2013 09:00:01 AM | 1557 |
| 8 | Oct 08, 2013 09:05:00 AM | 1571.4 |
| 9 | Oct 08, 2013 09:10:01 AM | 1578 |
| 10 | Oct 08, 2013 09:15:00 AM | 1581.2 |
| 11 | Oct 08, 2013 09:20:00 AM | 1585.4 |
| 12 | Oct 08, 2013 09:25:00 AM | 1588 |
| 13 | Oct 08, 2013 09:30:00 AM | 1590.2 |
| 14 | Oct 08, 2013 09:35:01 AM | 1609.8 |
| 15 | Oct 08, 2013 09:40:00 AM | 1615.6 |
| 16 | Oct 08, 2013 09:45:01 AM | 1620.2 |
| 17 | Oct 08, 2013 09:50:00 AM | 1627 |
| 18 | Oct 08, 2013 09:55:01 AM | 1628.8 |
| 19 | Oct 08, 2013 10:00:00 AM | 1634.2 |
| 20 | Oct 08, 2013 10:05:00 AM | 1658 |
| 21 | Oct 08, 2013 10:10:00 AM | 1662.6 |
| 22 | Oct 08, 2013 10:15:00 AM | 1667.2 |
| 23 | Oct 08, 2013 10:20:01 AM | 1671.8 |
| 24 | Oct 08, 2013 10:25:00 AM | 1678.2 |
| 25 | Oct 08, 2013 10:30:01 AM | 1680.2 |
| 26 | Oct 08, 2013 10:35:00 AM | 1701.6 |
| 27 | Oct 08, 2013 10:40:01 AM | 1707.2 |
| 28 | Oct 08, 2013 10:45:00 AM | 1715.6 |
| 29 | Oct 08, 2013 10:50:00 AM | 1720.8 |
| 30 | Oct 08, 2013 10:55:00 AM | 1726.6 |
| 31 | Oct 08, 2013 11:00:00 AM | 1732.4 |
| 32 | Oct 08, 2013 11:05:01 AM | 1737.8 |
| 33 | Oct 08, 2013 11:10:00 AM | 1735.8 |
| 34 | Oct 08, 2013 11:15:01 AM | 1744.2 |
| 35 | Oct 08, 2013 11:20:00 AM | 1743.6 |
| 36 | Oct 08, 2013 11:25:01 AM | 1748 |
| 37 | Oct 08, 2013 11:30:00 AM | 1744.8 |
| 38 | Oct 08, 2013 11:35:00 AM | 1752 |

Federal 7-8-9-16 SRT (10-08-13)

| Unit Type Reading | (All Units) DateTime (MDT) | Channel 2 PSIA |
|----------------------|-------------------------------|-------------------|
| 39 | Oct 08, 2013 11:40:00 AM | 1754 |
| 40 | Oct 08, 2013 11:45:00 AM | 1760.4 |
| 41 | Oct 08, 2013 11:50:01 AM | 1756.8 |
| 42 | Oct 08, 2013 11:55:00 AM | 1759.6 |
| 43 | Oct 08, 2013 12:00:01 PM | 1765.6 |
| 44 | Oct 08, 2013 12:05:00 PM | 1772 |
| 45 | Oct 08, 2013 12:10:01 PM | 1768.6 |
| 46 | Oct 08, 2013 12:15:00 PM | 1773.2 |
| 47 | Oct 08, 2013 12:20:00 PM | 1773.6 |
| 48 | Oct 08, 2013 12:25:00 PM | 1777.4 |
| 49 | Oct 08, 2013 12:30:00 PM | 1775.8 |

End of Report

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/16/2013 08:32:09
 File Name: C:\Program Files (x86)\PTC® Instruments 2.03.12\
 Federal 7-8-9-16 ISIP (10-8-13).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 08, 2013 12:30:11 PM MDT
 Data End Date: Oct 08, 2013 01:00:11 PM MDT
 Reading: 1 to 31 of 31
 Reading Rate: 5 Minutes
 Last Calibration Date: Jul 29, 2013
 Next Calibration Date: Jul 29, 2014
 Next Calibration Date: Jul 29, 2014

Federal 7-8-9-16 ISIP (10-8-13)

| Unit Type | (All Units) | |
|-----------|--------------------------|-------------------|
| Reading | DateTime (MDT) | Channel 2 PSIA |
| 1 | Oct 08, 2013 12:30:11 PM | 1776 |
| 2 | Oct 08, 2013 12:31:11 PM | 1744.2 |
| 3 | Oct 08, 2013 12:32:10 PM | 1724 |
| 4 | Oct 08, 2013 12:33:11 PM | 1720 |
| 5 | Oct 08, 2013 12:34:11 PM | 1716 |
| 6 | Oct 08, 2013 12:35:10 PM | 1713 |
| 7 | Oct 08, 2013 12:36:11 PM | 1710 |
| 8 | Oct 08, 2013 12:37:11 PM | 1707.6 |
| 9 | Oct 08, 2013 12:38:11 PM | 1705 |
| 10 | Oct 08, 2013 12:39:10 PM | 1702.6 |
| 11 | Oct 08, 2013 12:40:11 PM | 1700.6 |
| 12 | Oct 08, 2013 12:41:11 PM | 1698.6 |
| 13 | Oct 08, 2013 12:42:10 PM | 1696.8 |
| 14 | Oct 08, 2013 12:43:11 PM | 1694.8 |
| 15 | Oct 08, 2013 12:44:11 PM | 1693.2 |
| 16 | Oct 08, 2013 12:45:10 PM | 1691.6 |
| 17 | Oct 08, 2013 12:46:11 PM | 1689.8 |
| 18 | Oct 08, 2013 12:47:11 PM | 1688.6 |
| 19 | Oct 08, 2013 12:48:10 PM | 1687.4 |
| 20 | Oct 08, 2013 12:49:11 PM | 1685.8 |
| 21 | Oct 08, 2013 12:50:11 PM | 1684.8 |
| 22 | Oct 08, 2013 12:51:10 PM | 1683.6 |
| 23 | Oct 08, 2013 12:52:11 PM | 1682.6 |
| 24 | Oct 08, 2013 12:53:11 PM | 1681.2 |
| 25 | Oct 08, 2013 12:54:11 PM | 1680.4 |
| 26 | Oct 08, 2013 12:55:10 PM | 1679.2 |
| 27 | Oct 08, 2013 12:56:11 PM | 1678.2 |
| 28 | Oct 08, 2013 12:57:11 PM | 1677.2 |
| 29 | Oct 08, 2013 12:58:10 PM | 1676.2 |
| 30 | Oct 08, 2013 12:59:11 PM | 1675.2 |
| 31 | Oct 08, 2013 01:00:11 PM | 1674.2 |

End of Report

